

# Product Datasheet

## Recombinant Human Ribophorin II GST (N-Term) Protein H00006185-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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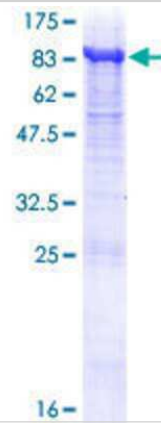
**H00006185-P01-10ug****Recombinant Human Ribophorin II GST (N-Term) Protein**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 10 ug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>                     | Store at -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Preservative</b>                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>                      | >80% by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer</b>                      | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Target Molecular Weight</b>     | 95.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>                 | <p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-631 of Human RPN2</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b><br/> MAPPGSSTVFLALTIIASTWALTPTHYLTKHDVERLKASLDRPFTNLESAFYISIV<br/> GLSSLGAQVPDAKKACTYIRSNLDPSNVDSLIFYAAQASQALSGCEISISNETKD<br/> LLLAHVSEDSSVTQIYHAVAALSGFGLPLASQEALSALTARLSKEETVLATVQAL<br/> QTASHLSQQADLRISIVEEIEDLVARLDELGGVYLQFEEGLETTALFVAATYKLM<br/> DHVGTEPSIKEDQVIQLMNAIFSKKNFESLSEAFSVASAAVLSHNRYHVPVVV<br/> VPEGSASDTHEQAILRLQVTNVLSQLTQATVKLEHAKSVASRATVLQKTSFTP<br/> VGDFVELNFMNVKFSSGYYDFLVEVEGDNRYIANTVELRVKISTEVGITNVDLST<br/> VDKDQSIAPKTTRVTYPAAKAGTFIADSHQNFALFFQLVDVNTGAELTPHQTFV<br/> RLHNQKTGQEVVFVAEPDNKNVYKFELDTSERKIEFDSASGTYTLYLIGDATLK<br/> NPILWNVADVVIKFPEEEAPSTVLSQNLFTPKQEIQLHFREPEKRPPTVVSNTFT<br/> ALILSPLLLLFALWIRIGANVSNTTFAPSTIIFHLGHAAMLGLMYVYWTQLNMFQT<br/> LKYLAILGSVTFLAGNRMLAQQAVKRTAH</p> |
| <b>Gene ID</b>                     | 6185                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | RPN2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Preparation Method</b>          | in vitro wheat germ expression system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Details of Functionality</b>    | This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Notes</b>                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | Western Blot, ELISA, Protein Array, Immunoaffinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA, Protein Array, Immunoaffinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



## Images

12.5% SDS-PAGE Stained with Coomassie Blue.





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### **Products Related to H00006185-P01-10ug**

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|               |                                           |
|---------------|-------------------------------------------|
| NBP1-80835PEP | Ribophorin II Recombinant Protein Antigen |
| NBP2-22203    | ERK1 Antibody (1E5) - BSA Free            |
| NBP1-80835    | Ribophorin II Antibody                    |
| NBP1-06274    | GRP78/HSPA5 Antibody - BSA Free           |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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