

# Product Datasheet

## Recombinant Human GPR50 Protein H00009248-G01

Unit Size: 10 ug

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

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**H00009248-G01****Recombinant Human GPR50 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>            | Glycerol                                                                                    |
| <b>Purity</b>                  | >80% by SDS-PAGE and Coomassie blue staining                                                |
| <b>Buffer</b>                  | 25 mM Tris-HCl of pH8.0 containing 2% glycerol.                                             |
| <b>Target Molecular Weight</b> | 67.4 kDa                                                                                    |

| <b>Product Description</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>              | <p>An untagged recombinant protein corresponding to the amino acid sequence of (AAI03697.1) for Human GPR50</p> <p><b>Source:</b> <i>Wheat Germ (in vitro) with proprietary liposome technology</i></p> <p><b>Amino Acid Sequence:</b><br/> MGPTLAVPTPYGCIGCKLPQPEYPPALIIFMFCAMVITIVVDLIGNSMVILAVTKN<br/> KKLRNSGNIFVVSLSVADMLVAIYPYPLMLHAMSIGGWDSLQQLQCQMVGFITGL<br/> SVVGSIFNIVAIAINRYCYICHSLQYERIFSVRNTCIYLVITWIMTVLAVLPNMYIGTI<br/> EYDPRTYTCIFNYLNNPVFTVTIVCIHFVLP LLIVGFCYVRIWTKVLAARDPAGQN<br/> PDNQLAEVRNFLT MFVIFLLFAVCWCPINVLT VLVAVSPKEMAGKIPNWL YLAAY<br/> FIAYFNSCLNAVIYGLLNENFRREYWTIFHAMRHP IIFFSGLISDIREMQEARTLA<br/> RARAHARDQAREQDRAHACPAVEETPMNVRNVPLPGDAAAGHPDRASGHPK<br/> PHSRSSSAYRKSASTHHKSVFSHKAASGHLKPVSGHSPKASGHPKSATVYP<br/> KPASVHFKADSVHFKGDSVHFKPDSVHFKPASSNPKPITGHHVSAGSHSKSAF<br/> SAATSHPKPTTGHIPATSHAEP TADY PKPATTSHPKPTAADNP ELSASHCPE<br/> IPAIAHPVSDDSDLPE SASSPAAGPTKPAASQLES D TIADLPDPTVTTSTNDYH<br/> DVVVVDVEDDPDEMAV</p> |
| <b>Gene ID</b>                  | 9248                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>              | GPR50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Preparation Method</b>       | in vitro wheat germ expression system with proprietary liposome technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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>                | Immunoaffinity Purification |
| <b>Recommended Dilutions</b>       | Immunoaffinity Purification |





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### **Products Related to H00009248-G01**

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|                |                                   |
|----------------|-----------------------------------|
| NBP2-14069PEP  | GPR50 Recombinant Protein Antigen |
| 202-IL-010     | IL-2 [Unconjugated]               |
| H00009248-B01P | GPR50 Antibody                    |
| NBP1-19371     | CD4 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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