

# Product Datasheet

## Recombinant Human DIO1 GST (N-Term) Protein H00001733-Q01-10ug

Unit Size: 10 ug

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

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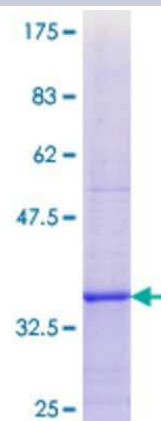
**H00001733-Q01-10ug****Recombinant Human DIO1 GST (N-Term) Protein**

| <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>     | 35.75 kDa                                                                                                                                                                                                                                                                                                                          |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>                 | <p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 35-125 of Human DIO1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b><br/>           DRVKRNILAMGEKTGMTRNPHFSHDNWIPFFSTQYFWFLKVRWQRLEDTT<br/>           ELGGLAPNCPVRLSGQRCNIWEFMQGNRPLVLNFGSCT</p> |
| <b>Gene ID</b>                     | 1733                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Symbol</b>                 | DIO1                                                                                                                                                                                                                                                                                                                               |
| <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, SDS-Page, Immunoaffinity Purification                                                                                                                                                                                                                                                          |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification                                                                                                                                                                                                                                                          |



## Images

SDS-Page: Recombinant Human DIO1 Protein [H00001733-Q01] -  
12.5% SDS-PAGE Stained with Coomassie Blue.





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### **Products Related to H00001733-Q01-10ug**

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|                    |                                             |
|--------------------|---------------------------------------------|
| H00001733-P01-10ug | Recombinant Human DIO1 GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                    |
| H00001733-M01      | DIO1 Antibody (1E4)                         |
| NB300-109          | Tyrosine Hydroxylase Antibody               |

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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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