

## Recombinant Human POMT1, GST-tagged

**Cat. No.** POMT1-1856H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human POMT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 285-595aa                                                                                                                                                         |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | POMT1[protein-O-mannosyltransferase 1 [Homo sapiens?(human) ]                                                                                                                                                                                                                  |
| <b>Official Symbol</b> | POMT1                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | POMT1; RT; LGMD2K; MDDGA1; MDDGB1; MDDGC1; protein-O-mannosyltransferase 1; protein O-mannosyl-transferase 1; dolichyl-phosphate-mannose-protein mannosyltransferase; dolichyl-phosphate-mannose--protein mannosyltransferase 1; NP_001070833.1; EC 2.4.1.109; NP_001070834.1; |

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|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
|                     | NP_001129585.1; NP_009102.3                                                                                         |
| Gene ID             | 10585                                                                                                               |
| mRNA Refseq         | NM_001077365                                                                                                        |
| Protein Refseq      | NP_001070833                                                                                                        |
| MIM                 | 607423                                                                                                              |
| UniProt ID          | Q9Y6A1                                                                                                              |
| Chromosome Location | 9q34.1                                                                                                              |
| Pathway             | Other types of O-glycan biosynthesis                                                                                |
| Function            | dolichyl-phosphate-mannose-protein mannosyltransferase activity;<br>mannosyltransferase activity; metal ion binding |

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