

## Recombinant Mouse Pigq Protein, MYC/DDK-tagged

**Cat. No.** Pigq-1046M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse phosphatidylinositol glycan anchor biosynthesis, class Q (Pigq), with C-terminal MYC/DDK tag, was expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                          |
| <b>Description</b>      | Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis.                    |
| <b>Molecular Mass</b>   | 66.3 kDa                                                                                                                                                                        |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                      |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                   |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                  |
| <b>Concentration</b>    | >50 g/mL as determined by microplate BCA method                                                                                                                                 |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                           |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Pigq phosphatidylinositol glycan anchor biosynthesis, class Q [ Mus musculus (house mouse) ]                                                                                                                                                                                           |
| <b>Official Symbol</b> | Pigq                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | Pigq; phosphatidylinositol glycan anchor biosynthesis, class Q; Gpi1; Gpih; Gpi1h; Gpi1p; phosphatidylinositol N-acetylglucosaminyltransferase subunit Q; N-acetylglucosamyl transferase component GPI1; PIG-Q; phosphatidylinositol-glycan biosynthesis class Q protein; EC 2.4.1.198 |
| <b>Gene ID</b>         | 14755                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_011822                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_035952                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | Q9QYT7                                                                                                                                                                                                                                                                                 |

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