

## Recombinant Mouse Dpm2 Protein, Myc/DDK-tagged

Cat. No. Dpm2-2638M Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length dolichol-phosphate (beta-D) mannosyltransferase 2 (Dpm2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.  |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | Regulates the biosynthesis of dolichol phosphate-mannose. Regulatory subunit of the dolichol-phosphate mannose (DPM) synthase complex; essential for the ER localization and stable expression of DPM1. When associated with the GPI-GlcNAc transferase (GPI-GnT) complex enhances but is not essential for its activity. |
| <b>Molecular Mass</b>   | 9.8 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 µg/mL as determined by microplate BCA method  |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.   |

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## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Dpm2 dolichol-phosphate (beta-D) mannosyltransferase 2 [ Mus musculus (house mouse) ]   |
| <b>Official Symbol</b> | Dpm2  |
| <b>Synonyms</b>        | DPM2; dolichol-phosphate (beta-D) mannosyltransferase 2; dolichol phosphate-mannose biosynthesis regulatory protein; R75484; AW557993 |
| <b>Gene ID</b>         | 13481   |
| <b>mRNA Refseq</b>     | NM_010073   |
| <b>Protein Refseq</b>  | NP_034203   |
| <b>UniProt ID</b>      | Q9Z324  |

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