

## Recombinant Mouse Gdpgp1 Protein, Myc/DDK-tagged

**Cat. No.** Gdpgp1-3186M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length GDP-D-glucose phosphorylase 1 (Gdpgp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                             |
| <b>Description</b>      | Specific and highly efficient GDP-D-glucose phosphorylase regulating the levels of GDP-D-glucose in cells.                                         |
| <b>Molecular Mass</b>   | 42.5 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.                                                                                              |

### GENE INFORMATION

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|                 |                                                                                                                                                |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Gdpgp1 GDP-D-glucose phosphorylase 1 [ Mus musculus (house mouse) ]                                                                            |
| Official Symbol | Gdpgp1                                                                                                                                         |
| Synonyms        | Gdpgp1; GDP-D-glucose phosphorylase 1; D330012F22Rik; GDP-D-glucose phosphorylase 1; GDP-D-glucose phosphorylase C15orf58 homolog; EC 2.7.7.78 |
| Gene ID         | 269952                                                                                                                                         |
| mRNA Refseq     | NM_178752                                                                                                                                      |
| Protein Refseq  | NP_848867                                                                                                                                      |
| UniProt ID      | Q3TLS3                                                                                                                                         |

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