

## Recombinant Mouse Gys2 Protein, Myc/DDK-tagged

**Cat. No.** Gys2-3343M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length glycogen synthase 2 (Gys2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.        |
| <b>Species</b>          | Mouse                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                        |
| <b>Description</b>      | Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.                                                      |
| <b>Molecular Mass</b>   | 81.3 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 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       | Gys2 glycogen synthase 2 [ Mus musculus (house mouse) ]                                                               |
| Official Symbol | Gys2                                                                                                                  |
| Synonyms        | Gys2; glycogen synthase 2; L; LGS; BC021322; glycogen [starch] synthase, liver; glycogen synthase, liver; EC 2.4.1.11 |
| Gene ID         | 232493                                                                                                                |
| mRNA Refseq     | NM_145572                                                                                                             |
| Protein Refseq  | NP_663547                                                                                                             |
| UniProt ID      | Q8VCB3                                                                                                                |

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