

Recombinant Mouse Gys1 Protein, MYC/DDK-tagged

Cat. No. Gys1-1082M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse glycogen synthase 1, muscle (Gys1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.
Molecular Mass	83.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Gys1 glycogen synthase 1, muscle [Mus musculus (house mouse)]
Official Symbol	Gys1
Synonyms	Gys1; glycogen synthase 1, muscle; MGS; Gys3; glycogen [starch] synthase, muscle; glycogen synthase 3, brain; EC 2.4.1.11
Gene ID	14936
mRNA Refseq	NM_030678
Protein Refseq	NP_109603
UniProt ID	Q9Z1E4

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