

Recombinant Mouse Pygm Protein, Myc/DDK-tagged

Cat. No. Pygm-5273M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length muscle glycogen phosphorylase (Pygm), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a glycolysis enzyme found in muscle. Highly similar enzymes encoded by different genes are found in liver and brain. The encoded protein is involved in regulating the breakdown of glycogen to glucose-1-phosphate, which is necessary for ATP generation.
Molecular Mass	97.7 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 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name Pygm muscle glycogen phosphorylase [*Mus musculus* (house mouse)]

Official Symbol [Pygm](#)

Synonyms PYGM; muscle glycogen phosphorylase; glycogen phosphorylase, muscle form; myophosphorylase; PG; AI115133

Gene ID [19309](#)

mRNA Refseq [NM_011224](#)

Protein Refseq [NP_035354](#)

UniProt ID [Q9WUB3](#)

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