

Recombinant Mouse Pgm2 Protein, Myc/DDK-tagged

Cat. No. Pgm2-4824M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphoglucomutase 1 (Pgm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the conversion of the nucleoside breakdown products ribose-1-phosphate and deoxyribose-1-phosphate to the corresponding 5-phosphopentoses. May also catalyze the interconversion of glucose-1-phosphate and glucose-6-phosphate. Has low glucose 1,6-bisphosphate synthase activity.
Molecular Mass	68.7 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	Pgm2 phosphoglucomutase 2 [Mus musculus (house mouse)]
Official Symbol	Pgm2
Synonyms	Pgm2; phosphoglucomutase 2; Pgm; Pgm-; Pgm1; Pgm-1; 3230402E02Rik; phosphoglucomutase-2; glucose phosphomutase 2; phosphodeoxyribomutase; phosphoglucomutase 1; phosphopentomutase; EC 5.4.2.2; EC 5.4.2.7
Gene ID	66681
mRNA Refseq	NM_025700
Protein Refseq	NP_079976
UniProt ID	Q7TSV4

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