

Recombinant Mouse Pgam1 Protein, His-tagged

Cat. No. Pgam1-7297M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse PGAM1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
Species	Mouse
Source	E.coli
ProteinLength	1-254
Description	Interconversion of 3- and 2-phosphoglycerate with 2,3-bisphosphoglycerate as the primer of the reaction. Can also catalyze the reaction of EC 5.4.2.4 (synthase), but with a reduced activity.
Form	Liquid
Molecular Mass	31.4 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMAAYKLVLIRHGESAWNLENRFSGWYDADL SPAGHEEAKRGGQALRDAGYEFDICFTSVQKRAIRTLWTVLDAIDQMWLPPVVRTWR LNERHYGGLTGLNKAETAAKHGAEQVKIWRRSYDVPPPPMEPDHPFYSNISKDRRY ADLTEDQLPSCESLKDTIARALPFWNEEIVPQIKEGKRVLIAAHGNSLRGIVKHLEGLS EEAIMELNLPTGIPIVYELDKNLKPIKPMQFLGDEETVRKAMEAVAAQGKVKK
Purity	> 95 % by SDS-PAGE

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Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	1.0 mg/mL (determined by Bradford assay)
Storage Buffer	20 mM Tris-HCl buffer (pH 8.0) containing 20 % glycerol, 0.1 M NaCl, 1 mM DTT

GENE INFORMATION

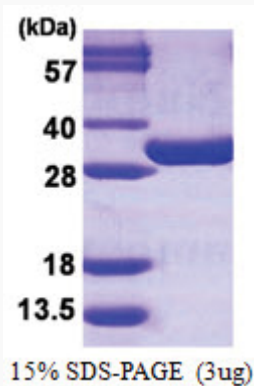
Gene Name	Pgam1 phosphoglycerate mutase 1 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Pgam1
Synonyms	Pgam1; phosphoglycerate mutase 1; Pgam; Pgam-1; 2310050F24Rik; phosphoglycerate mutase 1; BPG-dependent PGAM 1; PGAM-B; phosphoglycerate mutase isozyme B; EC 5.4.2.11; EC 5.4.2.4
Gene ID	18648
mRNA Refseq	NM_023418
Protein Refseq	NP_075907
UniProt ID	Q9DBJ1

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SDS-PAGE



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