

Recombinant Human PGAM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PGAM1-5534H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PGAM1 MS Standard C13 and N15-labeled recombinant protein (NP_002620) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a mutase that catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	28.8 kDa
AA Sequence	MAAYKLVLIRHGESAWNLENRFSGWYDADLSPAGHEEAKRGGQALRDAGYEFDIC FTSVQKRAIRTLWTVLDAIDQMWLPVVRTWRLNERHYGGTGLNKAETAAKHGAEQ VKIWRRSYDVPPPPMEPDHPFYSNISKDRRYADLTEDQLPSCESLKDTIARALPFWN EEIVPQIKEGKRVLIAAHGNSLRGIVKHLEGLSEEAIMEELNLTGIPVYELDKNLKPIKP MQFLGDEETVRKAMEAVAAQGKAKKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PGAM1 phosphoglycerate mutase 1 [Homo sapiens (human)]
Official Symbol	PGAM1
Synonyms	PGAM1; phosphoglycerate mutase 1 (brain); PGAMA; phosphoglycerate mutase 1; PGAM B; Phosphoglycerate mutase A; nonmuscle form; BPG-dependent PGAM 1; phosphoglycerate mutase isozyme B; phosphoglycerate mutase A, nonmuscle form; PGAM-B;
Gene ID	5223
mRNA Refseq	NM_002629
Protein Refseq	NP_002620
MIM	172250
UniProt ID	P18669

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SDS-PAGE

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