

Recombinant Full Length Human PGAM1 Protein, C-Flag-tagged

Cat. No. PGAM1-1073HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PGAM1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.6 kDa
AA Sequence	MAAYKLVLIRHGESAWNLENRFSGWYDADLSPAGHEEAKRGGQALRDAGYEFDIC FTSVQKRAIRTLWTV LDAIDQMWLPVVRTWRLNERHYGGTGLNKAETAAKHGEA QVKIWRRSYDVPPPPMEPDHPPFYSNISKDR RYADLTEDQLPSCESLKDTIARALPF WNEEIVPQIKEGKRVLIAAHGNSLRGIVKHLEGLSEEAIMELNL PTGIPIVYELDKNLKPIKPMQFLGDEETVRKAMEAVAAQGKAKKTRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Glycolysis / Gluconeogenesis, Metabolic pathways
Full Length	Full L.

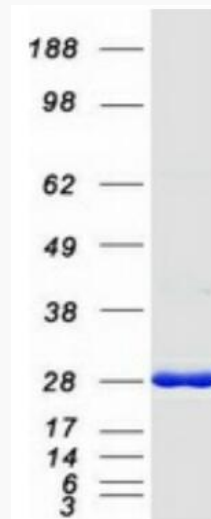
GENE INFORMATION

Gene Name	PGAM1 phosphoglycerate mutase 1 [Homo sapiens (human)]
Official Symbol	PGAM1
Synonyms	PGAMA; PGAM-B; HEL-S-35
Gene ID	5223
mRNA Refseq	NM_002629.4
Protein Refseq	NP_002620.1
MIM	172250
UniProt ID	P18669

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Coomassie blue staining of purified PGAM1 protein.

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