

Product datasheet for **TP304054L**

PGAM1 (NM_002629) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human phosphoglycerate mutase 1 (brain) (PGAM1), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC204054 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAYKLVLRHGESAWNLENRFSGWYDADLSPAGHEEAKRGGQALRDAGYEFDICFTSVQKRAIRTLWTV
LDAIDQMWLPVVRTWRLNERHYGGTLGNKAETAAKHGAEQVKIWRSSYDVPMPPEPDHFPYSNISKDR
RYADLTEDQLPSCESLKDTIARALPFWNEEIVPQIKEGKRVLIAAHGNSLRGIVKHLEGLSEEAIMELNL
PTGIPIVYELDKNLKPIKPMQFLGDEETVRKAMEAVAAQGKAKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 28.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_002620](#)

Locus ID: 5223

UniProt ID: [P18669](#), [Q6FHU2](#)



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RefSeq Size: 1762

Cytogenetics: 10q24.1

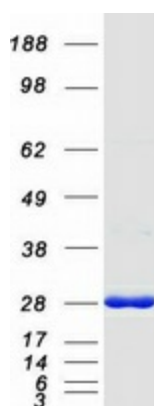
RefSeq ORF: 762

Synonyms: HEL-S-35; PGAM-B; PGAMA

Summary: 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. [provided by RefSeq, Nov 2015]

Protein Pathways: Glycolysis / Gluconeogenesis, Metabolic pathways

Product images:



Coomassie blue staining of purified PGAM1 protein (Cat# [TP304054]). The protein was produced from HEK293T cells transfected with PGAM1 cDNA clone (Cat# [RC204054]) using MegaTran 2.0 (Cat# [TT210002]).