

Phosphoglycerate Mutase 1 Human Recombinant

Item Number	rAP-1325
Synonyms	Phosphoglycerate mutase isozyme B, PGAM-B, PGAMA.
Description	PGAM1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 274 amino acids (1-254 a.a.) and having a molecular mass of 30.9 kDa. The PGAM1 is fused to a 20 amino acid His Tag at N-Terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P18669
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAAYKLVLR HGESAWNLEN RFSGWYDADL SPAGHEEAKR GGQAL-RDAGY EFDICFTSVQ KRAIRTLWTV LDAIDQMWLP VVRTWRLNER HYGGTLGLNK AETAAKHGEA QVKIWRRSYD VPPPPMEPDH PFYSNISKDR RYADLTEDQL PSCESLKDTI ARALPFWNEE IVPQIKEGKR VLIAAHGNSL RGIVKHLEGL SEEAIMELNL PTGIPIVYEL DKNLKPIKPM QFLGDEETVR KAMEAVAAQG KAKK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PGAM1 1mg/ml protein solution contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**