

2,3-Bisphosphoglycerate Mutase Human Recombinant

Item Number	rAP-1326
Synonyms	Bisphosphoglycerate mutase, EC 5.4.2.4, BPGM, 2,3-bisphosphoglycerate mutase erythrocyte, 2,3-bisphosphoglycerate synthase, BPG-dependent PGAM.
Description	BPGM Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 267 amino acids (1-259 a.a.) and having a molecular mass of 31 kDa. The BPGM is fused to an 8 amino acid His Tag at C-Terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P07738
Amino Acid Sequence	MSKYKLIMLR HGEGAWNKEN RFCSWVDQKL NSEGMEARN CGKQLKALNF EFDLVFTSVL NRSIHTAWLI LEELGQEWP VESSWRLNERHYGALIGLNR EQMALNHGEE QVRLWRRSYN VTPPPI- EESH PYYQEIYNDR RYKVCDVPLD QLPRSESLKD VLERLLPYWN ERIAPEVLRG KTILISAHGN SSRALLKHLE GISDEDIINI TLPTGVPILL ELDENLRAVG PHQFLGDQEA IQAAIKKVED QGKVKQAKKL EHHHHHH.
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 BPGM solution contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol. Greater than 95% 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**