

Product Data Sheet

Recombinant Human BPGM Protein

Catalog #	Source	Reactivity	Applications
CRP1129	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human BPGM Protein is produced by our E. coli expression system and the target gene encoding Ser2-Lys259 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris, 1mM DTT, pH 8.0.		
Gene Symbol	BPGM		
Alternative Names	Bisphosphoglycerate mutase; BPGM; 23-bisphosphoglycerate mutase erythrocyte; 23-bisphosphoglycerate synthase; 23-diphosphoglycerate mutase; DPGM; BPG-dependent PGAM		
Entrez Gene	669 (Human)		
SwissProt	P07738 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	SKYKLIMLRH GEGAWNKENR FCSWVDQQLN SEGMEEARNC GKQLKALNFE FDLVFTSVLN RSIHTAWLIL EELGQEWVPV ESSWRLNERH YGALIGLNRE QMALNHGEEQ VRLWRRSYNV TPPPIEESHP YYQEIYNDRR YKVCVPLDQ LPRSESLKDV LERLLPYWNE RIAPEVLRGK TILISAHGNS SRALLKHLEG ISDEDIINIT LPTGVPILLE LDENLRAVGP HQFLGDQEI QAAIKKVEDQ GKVKQAKKLE HHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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custom@cohesionbio.com