



# Recombinant Escherichia coli 2,3-bisphosphoglycerate-independent phosphoglycerate mutase (gpml)

<b>Product Code</b>	CSB-EP330753ENV
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P37689
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLVSKKPMVL VILDGYGYRE EQQDNAIFSA KTPVMDALWA NRPHTLIDAS GLEVGLPDRQ MGNSEVGHVN LGAGRIVYQD LTRLDVEIKD RAFFANPVLTV GAVDKAKNAG KAVHIMGLLS AGGVHSHEDH IMAMVELAAE RGAEKIYLHA FLDGRDTPPR SAESSLKKFE EKFAALGKGR VASIIGRYYA MDRDNRWDRV EKAYDLLTLA QGEFQADTAV AGLQAAYARD ENDEFVKATV IRAEGQPDAAM EDGDALIFM NFRADRAREI TRAFVNADFD GFARKKVVNV DFMVLTLEYAA DIKTAVAYPP ASLVNTFGEW MAKNDKTQLR ISETEKYAHV TFFFNGGGVEE SFKGEDRILI NSPKVATYDL QPEMSSAELT EKLVAAIKSG KYDTIICNYP NGDMVGHTGV MEAAVKAVEA LDHCVEEVAK AVESVGGQLL ITADHGNAEQ MRDPATGQAH TAHTNLPVPL IYVGDKNVKA VEGGKLS DIA PTMLSLMGME IPQEMTGKPL FIVE
<b>Source</b>	E.coli
<b>Target Names</b>	gpml
<b>Protein Names</b>	Recommended name: 2,3-bisphosphoglycerate-independent phosphoglycerate mutase Short name= BPG-independent PGAM Short name= Phosphoglyceromutase Short name= iPGM EC= 5.4.2.1
<b>Expression Region</b>	1-514
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.