Recombinant Escherichia coli Glucose-6-phosphate isomerase (pgi)

Product Code	CSB-EP009717ENP
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B1IUM7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks)
Purity	>85% (SDS-PAGE)
Sequence	MKNINPTQTA AWQALQKHFD EMKDVTIADL FAKDGDRFSK FSATFDDQML VDYSKNRITE ETLAKLQDLA KECDLAGAIK SMFSGEKINR TENRAVLHVA LRNRSNTPIL VDGKDVMPEV NAVLEKMKTF SEAIISGEWK GYTGKAITDV VNIGIGGSDL GPYMVTEALR PYKNHLNMHF VSNVDGTHIA EVLKKVNPET TLFLVASKTF TTQETMTNAH SARDWFLKAA GDEKHVAKHF AALSTNAKAV GEFGIDTANM FEFWDWVGGR YSLWSAIGLS IVLSIGFDNF VELLSGAHAM DKHFSTTPAE KNLPVLLALI GIWYNNFFGA ETEAILPYDQ YMHRFAAYFQ QGNMESNGKY VDRNGNVVDY QTGPIIWGEP GTNGQHAFYQ LIHQGTKMVP CDFIAPAITH NPLSDHHQKL LSNFFAQTEA LAFGKSREVV EQEYRDQGKD PATLDYVVPF KVFEGNRPTN SILLREITPF SLGALIALYE HKIFTQGVIL NIFTFDQWGV ELGKQLANRI LPELKDDKEI SSHDSSTNGL INRYKAWRG
Source	E.coli
Target Names	pgi
Protein Names	Recommended name: Glucose-6-phosphate isomerase Short name= GPI EC= 5.3.1.9 Alternative name(s): Phosphoglucose isomerase Short name= PGI Phosphohexose isomerase Short name= PHI
Expression Region	1-549
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.