



Recombinant Glucose-6-phosphate isomerase (pgi)

Product Code	CSB-YP730347SMZ
Abbreviation	pgi
Storage	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.
Uniprot No.	Q5XE09
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MSHITFDYSK VLESFAGQHE IDFLQGQVTE ADKLLREGTG PGSDFLGWLD LPENYDKEEF ARILTAAEKI KADSEVLVVI GIGGSYLGAK AAIDFLNHHF ANLQTAKERK APQILYAGNS ISSTYLADLV EYVQDKEFSV NVISKSGTTT EPAIAFRVFK ELLVKKYGQE EANKRIYATT DKVKGAVKVE ADANNWETFV VPDNVGGGRFS VLTAVGLLPI AASGADITAL MEGANAARKD LSSDKISENI AYQYAAVRNV LYRKGYTEI LANYEPSLQY LGEWWKQLAG ESEGKDQKGI YPTSANFSTD LHSLGQFIQE GYRNLFETVI RVDNPRKNVI IPELAEDLDG LGYLQGKDVD FVNKKATDGV LLAHTDGGVP NMFVTLPAQD EFTLGTYIYF FELAIIVSGY MNAVNPFDQP GVEAYKRNMF ALLGKPGFEA LSAELNARL
Source	Yeast
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	1-449
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.