



Recombinant Phosphoglycerate kinase (pgk)

Product Code	CSB-EP722977SMZ
Abbreviation	pgk
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.	Q5XA18
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	AKLTVKDVD LKGKKVLVRV DFNVPLKDG V ITNDNRITAA LPTIKYIIEQ GGRAILFSHL GRVKEEADKE GKSLAPVAAD LAAKLGQDVV FPGVTRGSKL EEAINALEDG QVLLVENTRF EDVDGKKESK NDEELGKYWA SLGDGIFVND AFGTAHRAHA SNVGISANVE KAVAGFLEN EIAYIQEAVE TPERPFVAIL GGSKVSDKIG VIENLLEKAD KVLIGGGMTY TFYKAQGIEI GNSLVEEDKL DVAKDLLEKS NGKLILPVDS KEANAFAGYT EVRDTEGEAV SEGFLGLDIG PKSIAEFDQA LTGAKTVVWN GPMGVFENPD FQAGTIGVMD AIVKQPGVKS IIGGGDSAAA AINLGRADKF SWISTGGGAS MELLEKGVLP GLAALTEK
Source	E.coli
Target Names	pgk
Protein Names	Recommended name: Phosphoglycerate kinase EC= 2.7.2.3
Expression Region	2-398
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 of Mature 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.