



Recombinant Tagatose-6-phosphate kinase (lacC)

Product Code	CSB-MP730310SMZ
Abbreviation	lacC
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>
Uniprot No.	Q5X9Y3
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MILTVTLNPA IDVSYPLDEL KCDTVNRVVD VTKTPGGKGL NVCRLNDFG ETVKATGCIG GESGDFIINH LPDSILSRFY KISGDTRTCI AILHEGNQTE ILEKGPLLSV NEIDGFTHHF KYLLNDVDVV TLSDSLPA GM PDDYYQKLI G IANLNGKKT V LDCSGNALEA VLKGDSKPTV IKPNLEELSQ LLGKEMTKDF DALKEVLQDK LFDGIEWIIV SLGADGVFAK HKDTFYKVDI PKIKIVSAVG SGDSTVAGIA SGLANDEDDR ALLTKANVLG MLNAQEKT TG HVNMANYDKL YQSIKVKEV
Source	Mammalian cell
Target Names	lacC
Protein Names	Recommended name: Tagatose-6-phosphate kinase EC= 2.7.1.144 Alternative name(s): Phosphotagatokinase
Expression Region	1-309
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	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>