



Recombinant Tagatose-6-phosphate kinase (lacC)

| | |
|--------------------------|---|
| Product Code | CSB-YP730310SMZ |
| 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 | Yeast |
| 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> |