



Recombinant *Citrobacter freundii* Dihydroxyacetone kinase (dhaK), partial

Product Code	CSB-YP338209DTO
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.	P45510
Product Type	Recombinant Protein
Immunogen Species	<i>Citrobacter freundii</i>
Purity	>85% (SDS-PAGE)
Sequence	SQFFFNQRT HLVSDVIDGA IIASPWNNLA RLESDPAIRI VVRRDLNKNN VAVISGGGSG HEPAHVGFIG KGMLTAAVCG DVFASPSVDA VLTAIQAVTG EAGCLLIVKN YTGDRLNFGF AAEKARRLGY NVEMLIVGDD ISLPDNKHPR GIAGTILVHK IAGYFAERGY NLATVLREAQ YAASNTFSLG VALSSCHLPQ ETDAAPRHHP GHAEELGMGIH GEPGASVIDT QNSAQVVNLM VDKLLAALPE TGRLAVMINN LGGVSVAEAMA IITRELASSP LHSRIDWLG PASLVTALDM KGFSLTAIVL EESIEKALLT EVETSNWPTP VPPREITCVV SSHASARVEF QPSANALVAG IVELVTATLS DLETHLNALD AKVGDGDTGS TFAAAAREIA SLLHRQQLPL NNLATLFALI GERLTVVMGG SSGVLMSIFF TAAGQKLEQG ANVVEALNTG LAQMKFYGGA DEGDRTMIDA LQPALTSLLA QPKNLQAAFD AAQAGAERTC LSSKANAGRA SYLSSSELLG NMDPGAQRLA MVFKALAESE LG
Source	Yeast
Target Names	dhaK
Protein Names	Recommended name: Dihydroxyacetone kinase Short name= DHA kinase EC= 2.7.1.29 Alternative name(s): Glycerone kinase
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	partial
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.