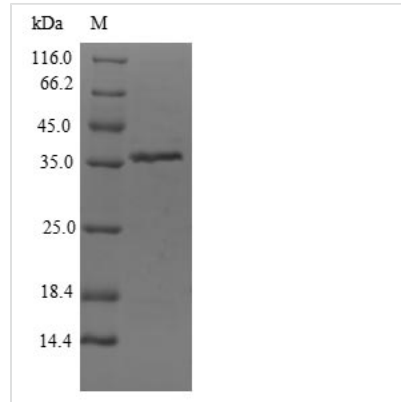




Recombinant Citrobacter freundii Dihydroxyacetone kinase (dhaK), partial

Product Code	CSB-EP338209DTO
Relevance	Catalyzes the phosphorylation of dihydroxyacetone.
Abbreviation	Recombinant Citrobacter freundii dhaK protein, partial
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
Alias	Glycerone kinase
Product Type	Recombinant Protein
Immunogen Species	Citrobacter freundii
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ALVAGIVELVTATLSDLETHLNALDAKVGDGTGSTFAAAAREIASLLHRQQLP LNNLATLFFALIGERLTVVMGGSSGVLMSIFFTAAGQKLEQQGANVVEALNTGLAQ MKFYGGADEGDRMTIDALQPALTSLLAQPKNLQAAFDAQAQAGAERTCLSSKA NAGRASYLSSESLLGNMDPGAQRLAMVFKALAE
Research Area	others
Source	E.coli
Target Names	dhaK
Protein Names	Recommended name: Dihydroxyacetone kinase Short name= DHA kinase EC= 2.7.1.29Alternative name(s): Glycerone kinase
Expression Region	356-548aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	35.9kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.