



# Recombinant Human Triokinase/FMN cyclase (TKFC)

<b>Product Code</b>	CSB-EP659468HU-B
<b>Abbreviation</b>	DAK
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q3LXA3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MTSKKLVNSV AGCADDALAG LVACNPNLQL LQGHRVALRS DLDSLKGRVA LLSGGGSGHE PAHAGFIGKG MLTGVIAGAV FTSPAVGSIL AAIRAVAQAG TVGTLLIVKN YTGDRLNFGI AREQARAEGI PVEMVIGDD SAFTVLKKAG RRGLCGTVLI HKVAGALAEA GVGLEEIAKQ VNVVAKAMGT LGVSLSSCSV PGSKPTFELS ADEVELGLGI HGEAGVRRIK MATADEIVKL MLDHMTNTTN ASHVPVQPGS SVMMVNNLG GLSFLELGII ADATVRSLEG RGVKIARALV GTFMSALEMP GISLTLLLVD EPLLKLIDAE TTAAAWPNVA AVSITGRKRS RVAPAEPQEA PDSTAAGGSA SKRMALVLER VCSTLLGLEE HLNALDRAAG DGDCGTHSR AARAIQEWLK EGPPPASPAQ LLSKLSVLLL EKMGGSSGAL YGLFLTAAAQ PLKAKTSLPA WSAAMDAGLE AMQKYGKAAP GDRTMLDSLW AAGQELQAWK SPGADLLQVL TKAVKSAEAA AEATKNMEAG AGRASYISSA RLEQPDPGAV AAAAILRAIL EVLQS
<b>Source</b>	E.coli
<b>Target Names</b>	TKFC
<b>Protein Names</b>	Recommended name: Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing) Including the following 2 domains: ATP-dependent dihydroxyacetone kinase Short name= DHA kinase EC= 2.7.1.29 Alternative name(s): Glycero
<b>Expression Region</b>	1-575
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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

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