



# Recombinant Human Triokinase/FMN cyclase (TKFC)

<b>Product Code</b>	CSB-YP659468HU
<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>	<p>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 GISLTLVLD 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</p>
<b>Source</b>	Yeast
<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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