



Recombinant Human Triokinase/FMN cyclase (TKFC)

Product Code	CSB-MP659468HU
Abbreviation	DAK
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.	Q3LXA3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	<p>MTSKKLVNSV AGCADDALAG LVACNPNLQL LQGHRVALRS DLDSLKGRVA LLSGGGSGHE PAHAGFIGKG MLTGVIAGAV FTSPAVGSIL AAIRAVAQAG TVGTLIVKN YTGDRNLFGL 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 DGDCGTTSHR AARAIQEWLK EGPPPASPAQ LLSKLSVLLL EKMGGSSGAL YGLFLTAAAQ PLKAKTSLPA WSAAMDAGLE AMQKYGKAAP GDRTMLDSLW AAGQELQAWK SPGADLLQVL TKAVKSAEAA AEATKNMEAG AGRASYISSA RLEQPDPGAV AAAAILRAIL EVLQS</p>
Source	Mammalian cell
Target Names	TKFC
Protein Names	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
Expression Region	1-575
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

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