

General Information

Gene Name Synonym

Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase; cyclizing [Includes: ATP-dependent dihydroxyacetone kinase; DHA kinase; EC 2.7.1.28; EC 2.7.1.29; Glycerone kinase; Triokinase; Triose kinase; FAD-AMP lyase; cyclizing; EC 4.6.1.15; FAD-AMP lyase; cyclic FMN forming; FMN cyclase]

Protein Construction

A DNA sequence encoding the human TKFC (XP_016873006.1) 272-621 aa was fused with the N-terminal GST tag

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Not tested.

Endotoxin

Please contact the lab for more information.

Stability

Aliquot and store at -20°C to -80°C for up to 6 months. Avoid freeze thaw cycles.

Formulation

PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4).

Usage Guide

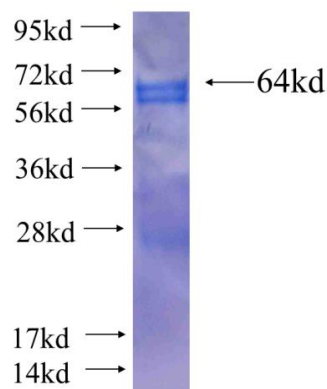
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

SDS-PAGE



Recombinant human DAK SDS-PAGE