# Human DGKQ Recombinant protein (His tag)

Catalog Number: 507167



# **General Information**

#### Gene Name Synonym

DAG kinase theta; EC 2.7.1.107; Diglyceride kinase theta; DGK-theta

# **Protein Construction**

A DNA sequence encoding the human DGKQ (XP\_047305643.1) 624-971 aa was fused with the polyhistidine tag

#### Organism

Human

# **Expression Host**

E. coli

# **QC Testing**

#### Activity

Not tested.

# Endotoxin

Please contact the lab for more information.

# Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

# Formulation

Protein lyophilized in sterile PBS (58 mM Na2HPO4, 17 mM NaH2PO4, 68 mM NaCl, 300 mM Imidazole, pH 8.0). Trehalose (5-8%) and mannitol (5-8%) protectants were added before lyophilization.

# **Usage Guide**

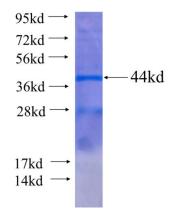
#### Storage

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  $0.25 \ \mu g/\mu l$  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 DGKQ SDS-PAGE