

## DGKG Protein, Human, Recombinant (aa 1-791, His)

### General Information

Protein Construction:	Recombinant full length isoform 1 of human Diacylglycerol kinase gamma (DGKG) was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag.
Species:	Human
Expression Host:	Baculovirus-Insect Cells
Accession:	P49619
Molecular Weight:	~97 kDa

### QC Testing

Biological Activity:	The specific activity of DGKG was determined to be 131 nmol/min/mg by ADP-Glo kinase assay.
Purity:	>90% as determined by SDS-PAGE.
Formulation:	Supplied as sterile 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 150 mM imidazole, 0.25 mM DTT, 25% glycerol.

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Enzymes are highly recommended to be shipped at frozen temperature with dry ice. Shipment made at ambient temperature may seriously affect the activity of the ordered products.

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