

## DGKZ Protein, Human, Recombinant (His)

### General Information

|                       |   |
|-----------------------|---|
| Protein Construction: | Recombinant full length human DGKZ was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag |
| Species:              | Human   |
| Expression Host:      | Baculovirus-Insect Cells  |
| Accession:            | Q13574  |
| Molecular Weight:     | ~127 kDa  |

### QC Testing

|                      |  |
|----------------------|--|
| Biological Activity: | The specific activity of DGKZ was determined to be 280 nmol /min/mg by ADP-Glo kinase assay with PS substrate. |
| 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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