

## Eif2ak3 Protein, Human, Recombinant (GST)

### General Information

Protein Construction:	Recombinant human EIF2AK3 (563-1115) was expressed in E. coli cells using an N-terminal GST tag.
Species:	Human
Expression Host:	E. coli
Accession:	Q9NZJ5
Molecular Weight:	~115 kDa

### QC Testing

Biological Activity:	The specific activity of EIF2AK3 was determined to be 60-66 nmol /min/mg by ADP-Glo kinase assay.
Purity:	>70% as determined by SDS-PAGE.
Formulation:	Supplied as sterile 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 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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