

# Mouse MERTK/Mer (His & GST Tag) recombinant protein



Catalog Number: 503521

## General Information

### Gene Name Synonym

Proto-oncogene c-Mer; Receptor tyrosine kinase MerTK

### Protein Construction

A DNA sequence encoding the mouse MERTK (Q60805) (Glu573-Tyr867) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

The specific activity was determined to be 30 nmol/min/mg using Poly(Glu,Tyr) 4:1 as substrate

### Purity

> 96 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

## Molecular Mass

The recombinant mouse MERTK/GST chimera consists of 532 amino acids and has a calculated molecular mass of 61.7 kDa. The recombinant protein migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

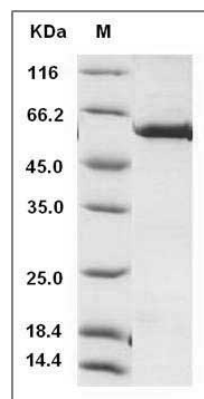
### Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



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SDS-PAGE