

# Human MERTK/Mer recombinant protein



Catalog Number: 504021

## General Information

### Gene Name Synonym

Proto-oncogene c-Mer; Receptor tyrosine kinase  
MerTK

### Protein Construction

A DNA sequence encoding the human MERTK (Q12866) protein kinase domain (Glu 578-Tyr 872) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

Kinase activity untested

### Purity

> 92 % 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 human MERTK (aa578-872)/GST chimera consists of 532 amino acids and has a calculated molecular mass of 62 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Supplied as sterile 50mM Tris, 100mM NaCl, pH 7.4, 20% gly, 0.3mM DTT

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

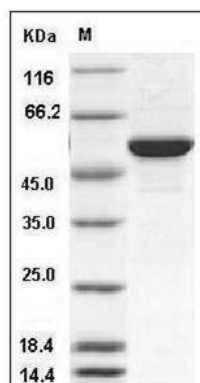
### Storage

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



Human MERTK / Mer Protein GST Tag SDS-PAGE