

# Mouse PTK6/Brk (His & GST Tag) recombinant protein



Catalog Number: 500250

## General Information

### Gene Name Synonym

SRC-related intestinal kinase

### Protein Construction

A DNA sequence encoding the mouse PTK6 (Q64434) (Met1-Val451) was expressed 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 5 nmol/min/mg using poly [Glu, Tyr] 4:1 as substrate.

### Purity

> 90 % 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 PTK6/GST chimera consists of 688 amino acids and has a calculated molecular mass of 79.8 kDa. The recombinant protein migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.

## Formulation

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

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

## Usage Guide

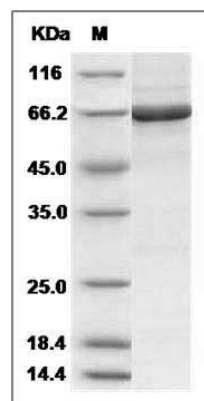
### Storage

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



Mouse PTK6 / Brk Protein (His & GST Tag) SDS-PAGE