

# Mouse Tie2<sup>?</sup>CD202b<sup>?</sup>/TEK (Fc Tag) recombinant protein



Catalog Number: 502539

## General Information

### Protein Construction

A DNA sequence encoding the mouse Tek (NP\_038718.2) (Met1-Lys744) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized mouse ANGPT2 (Cat:501251) at 10 µg/mL (100 µL/well) can bind mouse TEK-Fc. The EC<sub>50</sub> of mouse TEK-Fc is 0.58-1.34 µg/mL.

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg 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

Val 19

## Molecular Mass

The recombinant mouse Tek consists 964 amino acids and predicts a molecular mass of 107.7 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

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

## Usage Guide

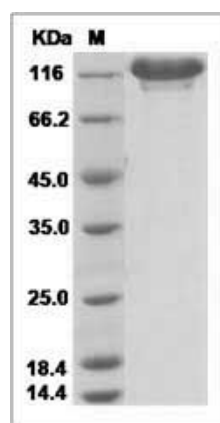
### Storage

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



Tek protein SDS-PAGE