# Mouse Tie2?CD202b?/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  $\mu$ g/mL (100  $\mu$ L/well) can bind mouse TEK-Fc. The EC<sub>50</sub> of mouse TEK-Fc is 0.58-1.34  $\mu$ g/mL.

# Purity

> 95 % as determined by SDS-PAGE.

#### Endotoxin

 ${<}1.0$  EU per  $\mu g$  protein as determined by the LAL method.

# Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}$ 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**

KDa M

116

66.2

45.0 35.0

25.0

18.4

Tek protein SDS-PAGE

