Mouse Tie2?CD202b?/TEK (His Tag) recombinant protein

Catalog Number: 503356

General Information

Gene Name Synonym

Endothelial tyrosine kinase; HYK; STK1; Tunica interna endothelial cell kinase; Tyrosine kinase with Ig and EGF homology domains-2; Tyrosine-protein kinase receptor TEK; Tyrosine-protein kinase receptor TIE-2; p140 TEK

Protein Construction

A DNA sequence encoding the mouse TEK (Q02858) (Met1-Lys744) was expressed with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.
Immobilized mouse TEK-His (Cat: 503356) at 10 µg/ml (100 µl/well) can bind human Ang2-Fc (Cat: 503602) with a linear range of 6.25-200 ng/ml.

Purity

> 99 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Val 19

Molecular Mass

The recombinant mouse TEK comprises 737 amino acids and has a predicted molecular mass of 82.4 kDa. The apparent molecular mass of the protein is approximately 91 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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

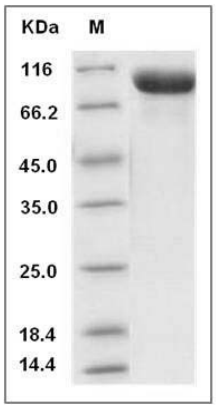
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 Tie2 / TEK Protein (His Tag) SDS-PAGE