Human Tie2 / CD202b / TEK (His & GST Tag) recombinant protein

NovoPro

Catalog Number: 502620

General Information

Gene Name Synonym

Endothelial tyrosine kinase; 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 human TEK (NP_000450) (Gln771-Ala1124) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

1. No Kinase Activity
2. Measured by its binding ability in a functional ELISA. Immobilized human TEK (aa 771-1124) (Cat: 502620) at 2 µg/ml (100 µl/well) can bind human Ang2-Fc (Cat: 503602) with a linear range of 0.31-20 µg/ml.

Purity

> 92 % 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

Met

Molecular Mass

The recombinant human TEK /GST chimera consists of 591 amino acids and has a calculated molecular mass of 68.3 kDa. The recombinant protein migrates as an approximately 64 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
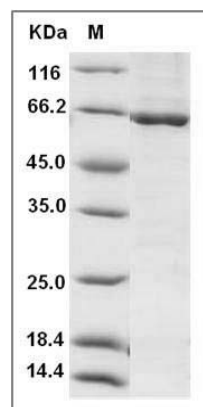2. Please contact us for any concerns or special requirements.

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

Human Tie2 / CD202b / TEK (His & GST Tag) recombinant protein

Catalog Number: 502620

Human Tie2 / CD202b / TEK Protein (His & GST   Tag) SDS-PAGE