

Cynomolgus Tie2[?]CD202b[?]/TEK (Fc Tag) recombinant protein



Catalog Number: 501586

General Information

Protein Construction

A DNA sequence encoding the cynomolgus TEK (G7PS68) (Met1-Lys745) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized mouse S1h-3C-mANGPT2 (Cat:501251) at 10 µg/ml (100 µl/well) can bind Cynomolgus TEK-Fc, The EC₅₀ of Cynomolgus TEK-Fc is 0.7-1.64 µg/ml.

Purity

> 95 % 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°C

Predicted N terminal

Ala 23

Molecular Mass

The recombinant cynomolgus TEK is a disulfide-linked homodimer. The reduced monomer comprises 964 amino acids and has a calculated molecular mass of 107.6 KDa. The apparent molecular mass of the protein is approximately 63 KDa respectively in SDS-PAGE.

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

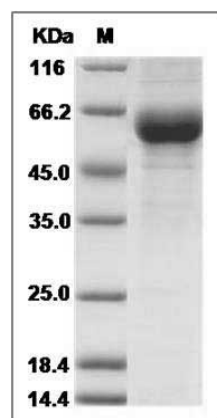
Storage

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



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