

Mouse VEGFR2/Flk-1/CD309/KDR (His Tag) recombinant protein



Catalog Number: 502037

General Information

Gene Name Synonym

Fetal liver kinase 1; Kinase NYK; Protein-tyrosine kinase receptor flk-1

Protein Construction

A DNA sequence encoding the mouse KDR (P35918-1) extracellular domain (Met 1-Glu 762) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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 20

Molecular Mass

The recombinant mouse KDR consists of 754

amino acids and predicts a molecular mass of 84.5 KDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmKDR is approximately 100-110 KDa as a result of 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

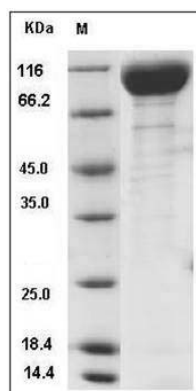
Storage

Store it under sterile conditions at -20°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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