

General Information

Gene Name Synonym

VEGFR-2; Fetal liver kinase 1; FLK-1; Kinase NYK; Protein-tyrosine kinase receptor flk-1; CD antigen CD309

Protein Construction

A DNA sequence encoding the mouse KDR (P35918-1) extracellular domain (Met1-Glu762) was expressed with a C-terminal polyhistidine tag. The purified protein was biotinylated in vitro.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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.

Formulation

Lyophilized from sterile PBS.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

2. Please contact us for any concerns or special requirements.

Usage Guide

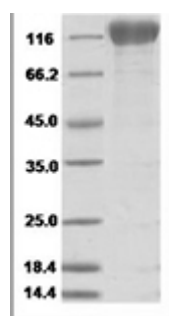
Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



Human VEGFR2/KDR/Flk-1/CD309 Protein 15481