Catalog Number: 514751



# **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  $\mu g$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\mathrm{C}$ 

### **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**

116		
66.2	-	
45.0	-	
35.0	-	
25.0	-	
18.4	_	
14.4	_	

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