

## General Information

### Gene Name Synonym

A type III receptor tyrosine kinase, isoform CRA\_a

### Protein Construction

A DNA sequence encoding the extracellular domain of human VEGFR2 (NP\_002244.1) (Met 1-Glu 764) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind human VEGF165 (Cat:11066-HNAH) in functional ELISA.

### Purity

> 95% as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

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

### Predicted N terminal

Ala 20

## Molecular Mass

The recombinant human VEGFR2 consists of 756 amino acids and predicts a molecular mass of 84.6 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

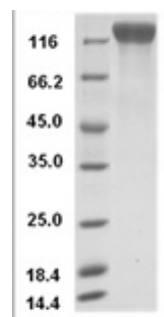
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 15910