

Human KDR recombinant protein (C-His)



Catalog Number: 514878

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 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 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

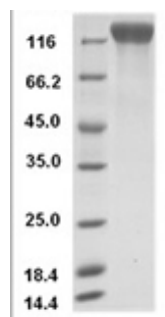
Storage

Store it under sterile conditions at -20°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 15910