

# Human FGFR4/CD334 (His & Fc Tag) recombinant protein



Catalog Number: 503712

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Asp 369) of human FGFR4 (NP\_002002.3) precursor was expressed with the C-terminal polyhistidine tagged Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to inhibit FGF acidic dependent proliferation of Balb/c3T3 mouse fibroblasts.

The ED<sub>50</sub> for this effect is typically 10-60 ng/ml.

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg 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

Leu 22

### Molecular Mass

The recombinant human FGFR4/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 595 amino acids and has a predicted molecular mass of 66 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh FGFR4/Fc monomer is approximately 100-110 kDa due to 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

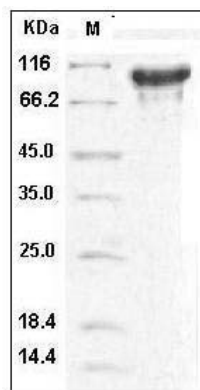
### Storage

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



Human FGFR4 / FGF Receptor 4 Protein (His & Fc Tag) SDS-PAGE