# Rhesus FGFR4/CD334 (Fc Tag) recombinant protein

Catalog Number: 500635



### General Information

#### **Protein Construction**

A DNA sequence encoding the rhesus FGFR4 (Met1-Asp369) (XP $_$ 001087243.1) was expressed with the Fc region of mouse IgG1 at the C-terminus.

## **Organism**

Rhesus

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Activity**

Measured by its binding ability in a functional ELISA.

- 1. Immobilized human FGF18-His (Cat: 500546) at 10  $\mu$ g/ml (100  $\mu$ l/well) can bind cynoFGFR4-Fc (Cat: 500635) with a linear range of 0.25-2.0  $\mu$ g/ml.
- 2. Immobilized human FGF basic (Cat: 502055) at 10  $\mu$ g/ml (100  $\mu$ l/well) can bind cynoFGFR4-Fc (Cat: 500635) with a linear range of 0.03-0.25  $\mu$ g/ml.

# **Purity**

> 95 % as determined by SDS-PAGE

### **Endotoxin**

< 1.0 EU per  $\mu g$  of the 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**

Leu 22

#### **Molecular Mass**

The recombinant rhesus FGFR4 comprises 589 amino acids and has a calculated molecular mass of 65.6 KDa.

#### **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**

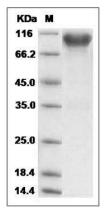
# **Storage**

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**



Cynomolgus FGFR4 / FGF Receptor 4 Protein (Fc Tag) SDS-PAGE