# Cynomolgus EphB6/Eph Receptor B6 (Fc Tag) recombinant protein

Catalog Number: 504704



#### **General Information**

## **Protein Construction**

A DNA sequence encoding the cynomolgus EPHB6 (Met1-Ser591) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

## **Organism**

Cynomolgus

## **Expression Host**

**Human Cells** 

# **QC Testing**

# **Activity**

- 1. Measured by its ability to bind human EFNB1-His (Cat:501410) in a functional ELISA.
- 2. Immobilized EFNB2-His (Cat:503701) at 10  $\mu$ g/ml (100  $\mu$ l/well) can bind Cynomolgus EPHB6-Fc, The EC<sub>50</sub> of Cynomolgus EPHB6-Fc is 20.6-48 ng/ml.

# **Purity**

> 85 % as determined by SDS-PAGE

#### **Endotoxin**

 $< 1.0 \; \text{EU}$  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°C

## Predicted N terminal

Leu 32

#### **Molecular Mass**

The recombinant cynomolgus EPHB6 is a disulfide-linked homodimer. The reduced monomer comprises 801 amino acids and has a calculated molecular mass of 86.9 KDa. The apparent molecular mass of the protein is approximately 97 KDa respectively in SDS-PAGE.

#### **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**

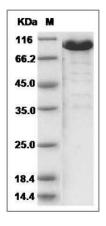
## **Storage**

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 EphB6 / EphB6 Protein (Fc Tag) SDS-PAGE