# Rhesus Ephrin-A5/EFNA5 (His Tag) recombinant protein

Catalog Number: 502400

# **General Information**

#### Gene Name Synonym

Ephrin-A5; Uncharacterized protein

### **Protein Construction**

A DNA sequence encoding the rhesus EFNA5 (NP\_001252657.1) (Met1-Asn203) was expressed, fused with a polyhistidine tag at the C-terminus.

#### Organism

Rhesus

#### **Expression Host**

Human Cells

## **QC Testing**

#### Activity

Measured by its binding ability in a functional ELISA.

Immobilized Rhesus EFNA5-His at 10  $\mu$ g/ml (100  $\mu$ l/well) can bind Rhesus EFNA5-His (Cat:504687), The EC<sub>50</sub> of Rhesus EFNA5-His (Cat:504687) is 14.8-34.7 ng/ml.

## Purity

> 90 % 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  $^{\circ}\mathrm{C}$ 

## **Predicted N terminal**

# Ser 20 **Molecular Mass**

The recombinant rhesus EFNA5 comprises 194 amino acids and has a calculated molecular mass of 22.6 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**

KDa	М
116	
66.2	
45.0	
35.0	
25.0	
18.4	
14.4	

Cynomolgus Ephrin-A5 / EFNA5 Protein (His Tag) SDS-PAGE

