# Human Ephrin-A3/EFNA3 (His Tag) recombinant protein

Catalog Number: 500221



### **General Information**

## Gene Name Synonym

EFL-2; EHK1 ligand; EPH-related receptor tyrosine kinase ligand 3

#### **Protein Construction**

A DNA sequence encoding the human EphrinA3 (NP\_004943.1) (Met 1-Ser 213) with the C-terminal propeptide removed was expressed, with a polyhistidine tag at the C-terminus.

# **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Activity**

Measured by its ability to compete with human EphrinA3 / Fc for binding to immobilized mouse EphA6-his in a functional ELISA assay.

### **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°C

#### **Predicted N terminal**

Gln 23

#### **Molecular Mass**

The recombinant human EphrinA3 consists of 202 amino acids after removal of the signal peptide and has a predicted molecular mass of 23 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhEphrinA3 is approximately 35-40 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**

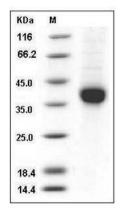
## **Storage**

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 Ephrin-A3 / EFNA3 Protein (His Tag) SDS-PAGE