

# Human EphA1/Eph Receptor A1 (His Tag) recombinant protein



Catalog Number: 501545

## General Information

### Gene Name Synonym

EPH tyrosine kinase; EPH tyrosine kinase 1;  
Erythropoietin-producing hepatoma receptor;  
Tyrosine-protein kinase receptor EPH

### Protein Construction

A DNA sequence encoding the human EPHA1 (EAL23789.1) (Met1-Glu547) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.  
Immobilized human EPHA1-His at 10 µg/ml (100 µl /well) can bind human EFNA1-Fch (Cat:503293 ), The EC<sub>50</sub> of human EFNA1-Fch (Cat:503293 ) is 30-70 ng/ml.

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per µg 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

Lys 26

### Molecular Mass

The recombinant human EPHA1 consists 533 amino acids and predicts a molecular mass of 58 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

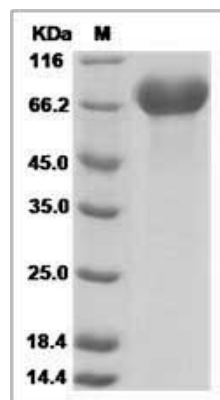
### Storage

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



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