

# Rat EphA7/Eph Receptor A7 (Fc Tag) recombinant protein



Catalog Number: 502652

## General Information

### Gene Name Synonym

EPH homology kinase 3

### Protein Construction

A DNA sequence encoding the rat Epha7 (NP\_599158.1) (Met1-Ser539) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

Immobilized mouse EFNA4-His(Cat:50595-M08) at 10 µg/ml (100 µl/well) can bind rat EPHA7-Fc3, The EC<sub>50</sub> of rat EPHA7-Fc3 is 10-30 ng/mL.

### Purity

> 90 % 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

Gln 28

### Molecular Mass

The recombinant rat Epha7 consists 523 amino acids and predicts a molecular mass of 58.9 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

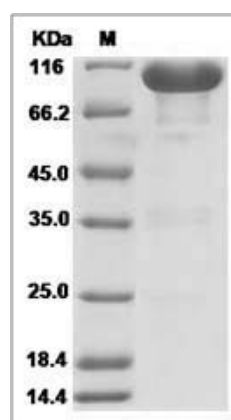
### Storage

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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