

Rat EphA7/Eph Receptor A7 (His Tag) recombinant protein



Catalog Number: 504793

General Information

Protein Construction

A DNA sequence encoding the rat EPHA7 (Met1-Ser539) was expressed with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Immobilized rat EPHA7-His at 10 µg/ml (100 µl/well) can bind mouse EFNA4-Fc (Cat:502246). The EC₅₀ of mouse EFNA4-Fc (Cat:502246) is 10.0-23.4 ng/ml.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg 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 28

Molecular Mass

The recombinant rat EPHA7 comprises 523 amino acids and predicts a molecular mass of 58.9 kDa. The apparent molecular mass of the recombinant protein is approximately 59 kDa in SDS-PAGE under reducing conditions 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

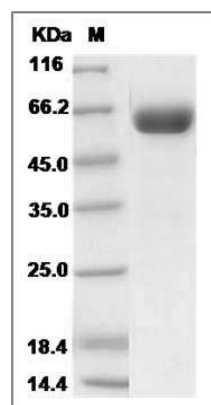
Store it under sterile conditions at -20°C to -80°C.

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



Rat EphA7 / EHK3 Protein (His Tag) SDS-PAGE