# Mouse EPHA3/Eph Receptor A3 (aa 569-984) recombinant protein

Catalog Number: 504508



#### **General Information**

#### **Protein Construction**

A DNA sequence encoding the mouse EPHA3 (EDK98238.1) (Gly569-Val984) was expressed with two additional amino acids (Gly & Pro ) at the N-terminus.

## Organism

Mouse

## **Expression Host**

Baculovirus-Insect Cells

# QC Testing

# Activity

Kinase activity untested

## **Purity**

> 85 % 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

Gly

#### **Molecular Mass**

The recombinant mouse EPHA3 consists of 418 amino acids and has a calculated molecular mass of 46.6 kDa. The recombinant protein migrates as an approximately 44 kDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Supplied as sterile 20 mM Tris, 500 mM NaCl, 10% glycerol, pH 8.0.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

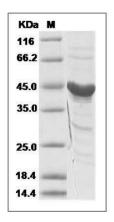
## **Storage**

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**



Mouse EphA3 Protein (aa 569-984) SDS-PAGE