

# Mouse Ephrin-A1/EFNA1 (His Tag) recombinant protein



Catalog Number: 501312

## General Information

### Gene Name Synonym

MIC2-like protein 1

### Protein Construction

A DNA sequence encoding the mouse EFNA1 (NP\_612182.1) without the pro peptide (Met 1-Ser 182) was fused with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to compete with mouse EFNA1 for binding to immobilized mouse EphA2 in a functional ELISA assay.

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Asp 19

## Molecular Mass

The secreted recombinant mouse EFNA1 comprises 175 amino acids and has a predicted molecular mass of 20 kDa. As a result of glycosylation, the apparent molecular mass of rm EFNA1 is approximately 27 kDa in SDS-PAGE under reducing conditions.

## 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

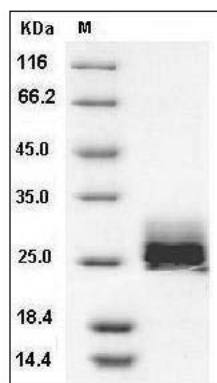
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 Ephrin-A1 / EFNA1 Protein (His Tag) SDS-PAGE