

# Human Ephrin-A5/EFNA5 (Fc Tag) recombinant protein



Catalog Number: 504531

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Asn 203) of human Ephrin-A5 (NM\_001962.1) precursor was expressed with the C-terminal fused Fc region of human IgG1.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % 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 21

### Molecular Mass

The recombinant human Ephrin-A5/Fc chimera is a disulfide-linked homo-dimeric protein. The reduced monomer consists of 421 amino acids and

has a calculated molecular mass of 47.9 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the monomer is approximately 50-55 kDa 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

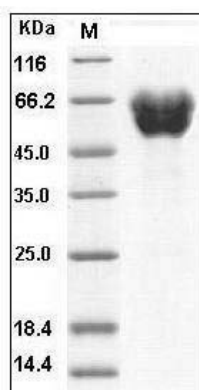
### Storage

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



Human Ephrin-A5 / EFNA5 Protein (Fc Tag) SDS-PAGE