

# Human Semaphorin 3A/SEMA3A (Fc Tag) recombinant protein



Catalog Number: 500758

## General Information

### Gene Name Synonym

Semaphorin III

### Protein Construction

A DNA sequence encoding the human SEMA3A (NP\_006071.1) (Lys26-Phe546) was expressed with the Fc region of human IgG1 at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### 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

Glu

### Molecular Mass

The recombinant human SEMA3A consists 781 amino acids and predicts a molecular mass of 87.7 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

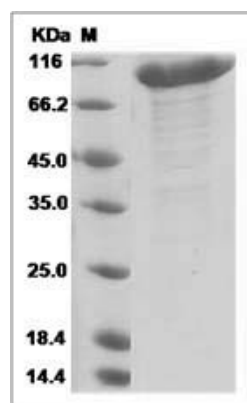
Store it under sterile conditions at -20°C to -80°C.

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



Human Semaphorin 3A / SEMA3A Protein (Fc Tag) SDS-PAGE