# **Human SEMA6A (His Tag) recombinant protein**

Catalog Number: 502948



## **General Information**

#### Gene Name Synonym

Semaphorin VIA; Semaphorin-6A-1

#### **Protein Construction**

A DNA sequence encoding the human SEMA6A (NP\_065847.1) extracellular domain (Met 1-Thr 649) was expressed, with a polyhistidine tag at the C-terminus.

## **Organism**

Human

## **Expression Host**

**Human Cells** 

## **QC Testing**

## **Purity**

> 90 % 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 19** 

#### **Molecular Mass**

The recombinant human SEMA6A consists of 642

amino acids and predictes a molecular mass of 72.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh SEMA6A is approximately 85-95 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**

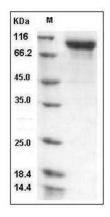
#### Storage

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 Semaphorin 6A / SEMA6A Protein (His Tag) SDS-PAGE