

Human Semaphorin 5A/SEMA5A (Fc Tag) recombinant protein



Catalog Number: 503346

General Information

Gene Name Synonym

Semaphorin-F

Protein Construction

A DNA sequence encoding the amino acids (Met 1-Thr 765) of human SEMA5A (NP_003957.2) extracellular domain was fused with Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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

Glu 23

Molecular Mass

The recombinant human SEMA5A (aa 1-765)/Fc is a disulfide-linked homodimer. The reduced

monomer consists of 984 amino acids and predicts a molecular mass of 110.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh SEMA5A/Fc monomer is approximately 125-135 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

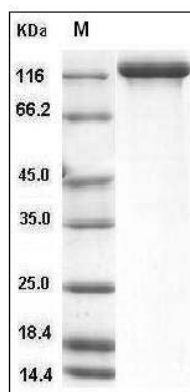
Storage

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 5A / SEMA5A Protein (Fc Tag) SDS-PAGE