

Mouse Semaphorin 3A/SEMA3A (His Tag) recombinant protein



Catalog Number: 504078

General Information

Gene Name Synonym

Semaphorin III

Protein Construction

A DNA sequence encoding the mouse SEMA3A (NP_006071.1) (Lys26-Phe546) was expressed with a polyhistidine tag at the N-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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

His

Molecular Mass

The recombinant mouse SEMA3A consists 540

amino acids and predicts a molecular mass of 61.6 kDa.

Formulation

Lyophilized from sterile 20 mM Tris, 150 mM NaCl, 100 mM Argine, 100 mM glutamic acid, pH 8.5.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

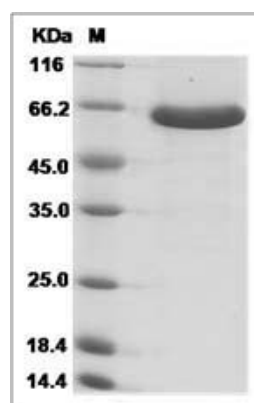
Storage

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



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