

Recombinant Mouse SEMA3A Protein, C-hFc-His (Active)

Summary

Catalog No.	AMG82801
Alternative Names	Semaphorin III, Sema III, SEMA3A, Semaphorin-3A, SEMAD
Form	Lyophilized
Storage buffer	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
Biological activity	Measured by its ability to cause collapse of chick embryonic dorsalroot ganglia (DRG) neuron growth cones. 20-60 ng/mL of recombinant mouse SEMA3A (Cat #: AMG82801) causes >50% growth cone collapse in the presence 10 ng/mL recombinant human beta NGF.
Endotoxin level	<0.1 EU/μg of the protein by the LAL method.
Expression system	Mammalian Cells
Accession	O08665
Protein length	Asn21-Lys747 (Arg552Ala, Arg554Ala, Arg555Ala, Arg618Ala, Lys619Ala, Lys642Ala, Lys643Ala)
Nature	Recombinant
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

Recombinant Proteins & Antibodies

Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
Species	Mus musculus (Mouse)
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
Note	For research use only.

Data Image
