

Datasheet for ABIN7607175

SEMA3A Protein (AA 21-747, K619A, K642A, K643A, R552A, R554A, R555A, R618A) (His-Fc tag)



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Overview

Quantity:	50 µg
Target:	SEMA3A
Protein Characteristics:	AA 21-747, K619A, K642A, K643A, R552A, R554A, R555A, R618A
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SEMA3A protein is labelled with His-Fc tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse SEMA3A Protein, C-hFc-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	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.

Target Details

Target:	SEMA3A
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Target Details

Alternative Name:	Semaphorin III (SEMA3A Products)
Background:	Semaphorin III, Sema III, SEMA3A, Semaphorin-3A, SEMAD
UniProt:	O08665
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months