

Datasheet for ABIN7607277

MAG Protein (AA 20-516) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	MAG
Protein Characteristics:	AA 20-516
Origin:	Rat
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This MAG protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Rat MAG/Siglec-4a Protein, C-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 inhibit neurite outgrowth of dissociated E13 chick embryonic dorsalroot ganglia (DRG) neurons. Able to significantly inhibit neurite outgrowth when immobilized as a 3 µL droplet containing 400 ng on a nitrocellulosecoated microplate.

Target Details

Target:	MAG
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Target Details

Alternative Name:	Myelin-associated glycoprotein (MAG Products)
Background:	Myelin-associated glycoprotein, MAG, Siglec-4a, GMA
UniProt:	P07722
Pathways:	Neurotrophin Signaling Pathway

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