

Recombinant Human MAG

Cat. No. MAG-29106TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 119-208 of Human MAG with an N terminal proprietary tag; Predicted MWt 35.53 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	90 amino acids
Description	The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is thought to be involved in the process of myelination. It is a lectin that binds to sialylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.
Molecular Weight	35.530kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	GDLGGYNQYTFSEHSVLDIVNTPNIVVPPEVVAGTEVEVSCMVPDNCPELRPELSW LGHEGLGEP AVLGR LREDEGTWVQVSL LHFPTR
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GENE INFORMATION

Gene Name	MAG myelin associated glycoprotein [Homo sapiens]
Official Symbol	MAG
Synonyms	MAG; myelin associated glycoprotein; GMA; myelin-associated glycoprotein; S MAG; sialic acid binding Ig like lectin 4A; SIGLEC 4A; SIGLEC4A;
Gene ID	4099
mRNA Refseq	NM_001199216
Protein Refseq	NP_001186145
MIM	159460
Uniprot ID	P20916
Chromosome Location	19q13.1
Pathway	Axonal growth inhibition (RHOA activation), organism-specific biosystem; Basigin interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem;
Function	sugar binding;

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