

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	<p>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.</p>
Molecular Weight	35.530kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 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
LGHEGLGEPAVLGRRLREDEGTWVQVSLHFPTR

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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