

Recombinant Human MAG protein, His-Avi-tagged, Biotinylated

Cat. No. MAG-0506H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MAG protein(Gly20-Pro516), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-516 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5M Arginine, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 58.3 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gly20-Pro516
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	Biotin
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GENE INFORMATION

Gene Name	MAG myelin associated glycoprotein [Homo sapiens]
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Official Symbol	MAG
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Synonyms	MAG; myelin associated glycoprotein; GMA; myelin-associated glycoprotein; S MAG; sialic acid binding Ig like lectin 4A; SIGLEC 4A; SIGLEC4A; sialic acid binding Ig-like lectin 4A; sialic acid-binding immunoglobulin-like lectin 4A; S-MAG; SIGLEC-4A;
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Gene ID	4099
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mRNA Refseq	NM_001199216
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Protein Refseq	NP_001186145
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MIM	159460
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UniProt ID	P20916
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