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

Cat. No. MAG-0505M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse MAG protein(Gly20-Pro516), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	20-516 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, 0.5 M 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 58.4 kDa. The protein migrates as 70-90 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.>90% as determined by SEC-MALS.
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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	Mag myelin-associated glycoprotein [Mus musculus]
Official Symbol	MAG
Synonyms	MAG; myelin-associated glycoprotein; Gma; siglec-4a; MGC123387;
Gene ID	17136
mRNA Refseq	NM_010758
Protein Refseq	NP_034888

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