

Active Recombinant Human MAG protein, His-tagged

Cat. No. MAG-6985H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MAG protein(P20916)(Gly20-Pro516) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	20-516 aa
Form	Lyophilized from 0.22µm filtered solution in PBS, 100mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human Siglec-4a, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-Siglec-4a Antibody, hFc Tag with the EC50 of 2.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 55.8 kDa. Due to glycosylation, the protein migrates to 75-82 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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; sialic acid binding Ig-like lectin 4A; sialic acid-binding immunoglobulin-like lectin 4A; S-MAG; SIGLEC-4A;

Gene ID [4099](#)

mRNA Refseq [NM_001199216](#)

Protein Refseq [NP_001186145](#)

MIM [159460](#)

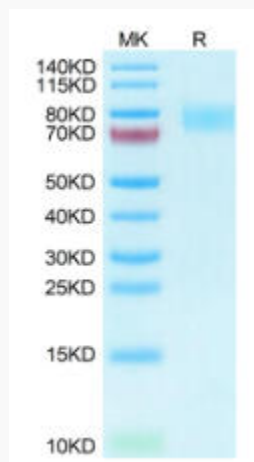
UniProt ID [P20916](#)

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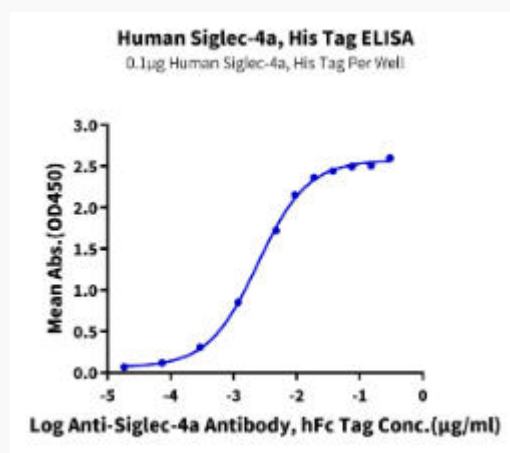
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Bis-Tris PAGE



ELISA Data



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