

Recombinant Human MAG protein, His-tagged

Cat. No. MAG-3660H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAG protein(199-516 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	199-516 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VSLLFVPTREANGHRLGCQASFPNTTLQFEGYASMDVKYPPVIVEMNSSVEAIEGS HVSLLCGADSNPPPLLTWMRDGTVLREAVAESLLLEEEVTPAEDGVYACLAENAY GQDNRTVGLSVMYAPWKPTVNGTMVAVEGETVSILCSTQSNPDPILTIFKEKQILSTV IYESELQLELPAVSPEDDGEYWCVAENQYQQRATAFNLSVEFAPVLLLESHCAAAR DTVQCLCVVKSNPESVAFELPSRNVTVNESEREFVYSERSGLVLTSILTLRGQAQA PPRVICTARNLYGAKSLELPFQGAHRLMWAKIGP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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