

# Product Data Sheet

## Recombinant Human MAG Protein

Catalog #	Source	Reactivity	Applications
CRP1935	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human MAG Protein is produced by our Mammalian expression system and the target gene encoding Gly20-Pro516 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4		
<b>Gene Symbol</b>	MAG		
<b>Alternative Names</b>	GMA; Myelin-associated glycoprotein; Siglec-4a		
<b>Entrez Gene</b>	4099 (Human)		
<b>SwissProt</b>	P20916 (Human)		
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
<b>Chemical Structure</b>	GHWGAWMPSS ISAFEGTCVS IPCRFDFPDE LRPAVVHGVW YFNSPYPKNY PPVVFKSRTQ VVHESFQGRS RLLGDLGLRN CTLLLSNVSP ELGGKYYFRG DLGGYNQYTF SEHSVLDIVN TPNIVVPPEV VAGTEVEVSC MVPDNCPELR PELSWLGHEG LGEPAVLGRL REDEGTWVQV SLLHFVPTRE ANGHRILGCQA SFPNTTLQFE GYASMDVKYP PVIVEMNSSV EAIEGSHVSL LCGADSNPPP LLTWMRDGTV LREAVAESLL LELEEVTPAE DGVYACLAEN AYGQDNRTVG LSVMYAPWKP TVNGTMVAVE GETVSILCST QSNPDPILTI FKEKQILSTV IYESELQLEL PAVSPEDDGE YWCVAENQYG QRATAFNLSV EFAPVLLLES HCAAARDTVQ CLCVVKSNE PSVAFELPSR NVTVNESERE FVYSERSGLV LTSILTLRGQ AQAPPRVICT ARNLYGAKSL ELPFQGAHRL MWAKIGPVDH HHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

### Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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