PRODUCT INFORMATION

Target	MAG
Synonyms	GMA;S-MAG;SPG75;SIGLEC4A;SIGLEC-4A
Description	Recombinant human MAG Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P20916
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	MAG(Gly20-Pro516) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 55.5 kDa after removal of the signal peptide. The apparent molecular mass of MAG-His is approximately 70-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is thought to be involved in the process of myelination. It is a lectin that binds to sialylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Nov 2010]
Usage	Research use only
Conjugate	Unconjugated

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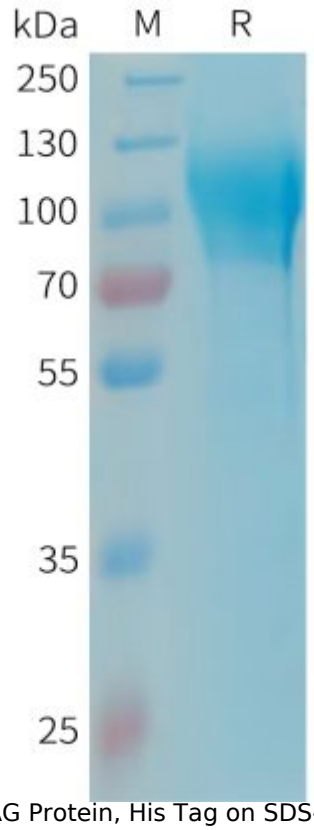


Figure 1. Human MAG Protein, His Tag on SDS-PAGE under reducing condition.

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