

PRODUCT INFORMATION

Target MAG

GMA;S-MAG;SPG75;SIGLEC4A;SIGLEC-4A **Synonyms**

Recombinant human MAG Protein with C-terminal **Description**

6×His tag

Delivery In Stock **Uniprot ID** P20916 **Expression Host HEK293**

Tag C-6×His Tag

Molecular Characterization

Background

MAG(Gly20-Pro516) 6×His tag

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 **Molecular Weight**

approximately 70-130 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

20101

Usage Research use only

Conjugate Unconjugated









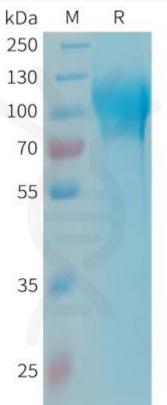


Figure 1. Human MAG Protein, His Tag on SDS-PAGE under reducing condition.

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