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# Recombinant Human Siglec-4a/MAG Protein

**Catalog No.: RP00424** Recombinant

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---|---|---|
| Human | 4099 | P20916 |

**Tags**
C-His

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

## Product Information

| Source | Purification |
|---|---|
| HEK293 cells | > 95% by SDS-PAGE. |

**Endotoxin**
< 1 EU/μg of the protein by LAL method.

**Formulation**
Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH7.2.Contact us for customized product form or formulation.

**Reconstitution**
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

This protein 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.

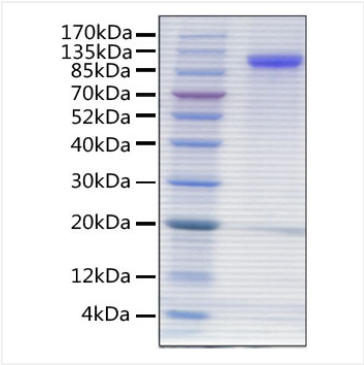
## Basic Information

**Description**
Recombinant Human Siglec-4a/MAG Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Gly20-Pro516) of human MAG/Siglec-4a (Accession #P20916) fused with a 6×His tag at the C-terminus.

**Bio-Activity**

**Storage**
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

## Validation Data




Recombinant protein Human MAG/Siglec-4a was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 115 kDa.