

Recombinant Human Siglec-4a/MAG Protein

Catalog No.: RP00424

Sequence Information

Species	Gene ID
Human	4099
Swiss Prot	Tags
P20916	C-His

Synonyms

GMA, S-MAG, SIGLEC-4A, SIGLEC4A, SPG75, MAG, S-MAG, SIGLEC-4A, SIGLEC4A, SPG75

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
55.7 kDa	75-110 kDa

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 vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

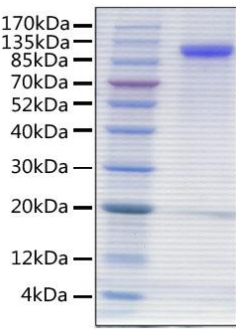
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human Siglec-4a/MAG Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.