

Recombinant Human Siglec-4/MAG/GMA Protein

Catalog No.: RP00133

Sequence Information

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

Synonyms

MAG, GMA, Myelin-associated glycoprotein, Siglec-4a

Product Information

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

Calculated MW	Observed MW
81.44 kDa	100-140 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

the 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-4/MAG/GMA Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly20-Pro516) of Human Siglec-4/MAG/GMA (Accession #NP_002352.1) fused with hFc tag and 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

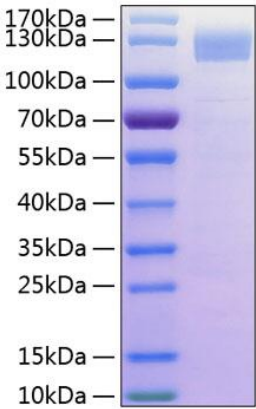
Operational Notes

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-4/MAG/GMA Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.