



Recombinant Human Myelin-associated glycoprotein (MAG)

Product Code	CSB-MP013322HU
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P20916
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p> GHWGAWMPSSISAFEGTCVSIPCRFDFFDELRPVAVHGVVWFNSPYPKNYPP VVFKSRTQVVHESFQGRSRLGLDLGLRNCTLLLSNVSPELGGKYYFRGDLGG YNQYTFSEHSVLDIVNTPNIVVPPEVVAGTEVEVSCMVPDNCPELRPELSWLG HEGLGEPVAVLGRLEDEGTWVQVSLHFVPTREANGHRLGCQASFPNTTLQF EGYASMDVKYPPVIVEMNSSVEAIEGSHVSLLCGADSNPPPLLTWMRDGTVL REAVAESLLEEEVTPAEDGVYACLAENAYGQDNRTVGLSVMYAPWKPTVN GTMVAVEGETVSILCSTQSNPDPILTIFKEKQILSTVIYESELQLELPAVSPEDDG EYWCVAENQYGQRATAFNLSVEFAPVLLLESHCAAARDTVQCLCVVKSNEP SVAFELPSRNVTVNESEREFVYSERSGLVLTSLTLRGQAQAPPRVICTARNLY GAKSLELPPFQGAHRLMWAKIGP </p>
Research Area	Cell Adhesion
Source	Mammalian cell
Target Names	MAG
Protein Names	Recommended name: Myelin-associated glycoprotein Alternative name(s): Siglec-4a
Expression Region	20-516aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Extracellular domain
Target Details	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. Two alternatively spliced transcripts encoding different isoforms have been described for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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