

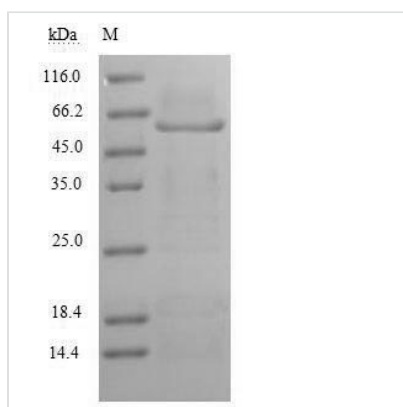


Recombinant Human Myelin-associated glycoprotein (MAG), partial

Product Code	CSB-YP013322HU
Relevance	Adhesion molecule in postnatal neural development that mediates sialic-acid dependent cell-cell interactions between neuronal and myelinating cells. Preferentially binds to alpha-2,3-linked sialic acid .
Abbreviation	Recombinant Human MAG protein, partial
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
Alias	Siglec-4a
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GHWGAWMPSSISAFEGTCVSIPCRFDFFDELRPVAVHGVWYFNSPYPKNYPP VVFKSRTQVVHESFQGRSRLGLDLGRNCTLLLSNVSPELGGKYYFRGDLGG YNQYTFSEHSVLDIVNTPNIVVPPEVVAGTEVEVSCMVPDNCPELRPELSWLG HEGLGEPVAVLGRLEDEGTWVQVSLHVFPTREANGHRLGCQASFPNTTLQF EGYASMDVKYPPVIVEMNSSVEAIEGSHVSLLCGADSNPPPLLTWMRDGTVL REAVAESLLLEEEVTPAEDGVYACLAENAYGQDNRTVGLSVMYAPWKPTVN GTMVAVEGETVSILCSTQSNPDILTIFKEKQILSTVIYESELQLELPAVSPEDDG EYWCVAENQYGQRATAFNLSVEFAPVLLLESHCAAARDTVQCLCVVKSNEP SVAFELPSRNVTVNESEREFVYSERSGLVLTSLTLRGQAQAPPRVICTARNLY GAKSLELPFQGAHRLMWAKIGP
Research Area	Cell Adhesion
Source	Yeast
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°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	56.7kDa
Protein Length	Extracellular Domain



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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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