



Recombinant Human Myelin-associated glycoprotein (MAG)

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| Product Code | CSB-BP013322HU |
| 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 VVFKSRTQVVHESFQGRSRLGLDLGRNCTLLLSNVSPELGGKYYFRGDLGG YNQYTFSEHSVLDIVNTPNIVVPPEVVAGTEVEVSCMVPDNCPELRPELSWLG HEGLGEPAVLGRLEDEGTWVQVSLLFVPTREANGHRLGCQASFPNTTLQF EGYASMDVKYPPVIVEMNSSVEAIEGSHVSLLCGADSNPPPLLTWMRDGTVL REAVAESLLEEEVTPAEDGVYACLAENAYGQDNRTVGLSVMYAPWKPTVN GTMVAVEGETVSILCSTQSNPDPILTIFKEKQILSTVIYESELQLELPAVSPEDDG EYWCVAENQYGQRATAFNLSVEFAPVLLLESHCAAARDTVQCLCVVKSNEP SVAFELPSRNVTVNESEREFVYSERSGLVLTSLTLRGQAQAPPRVICTARNLY GAKSLELPPFQGAHRLMWAKIGP </p> |
| Research Area | Cell Adhesion |
| Source | Baculovirus |
| 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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