

## 32-7690: Recombinant Human Myelin-Associated Glycoprotein/MAG/Siglec-4a (C-6His)(Discontinued)

**Gene :** MAG  
**Gene ID :** 4099  
**Uniprot ID :** P20916

### Description

Source: Human Cells.

MW :55.7kD.

Recombinant Human Myelin Associated Glycoprotein is produced by our Mammalian expression system and the target gene encoding Gly20-Pro516 is expressed with a 6His tag at the C-terminus. Human Myelin-Associated Glycoprotein, also known as MAG, Siglec-4, is a cell membrane glycoprotein that is a member of the SIGLEC family of proteins. MAG contains 4 Ig-like C2-type domains and 1 Ig-like V-type domain. MAG is believed to be involved in myelination during nerve regeneration. It is an adhesion molecule in postnatal neural development that mediates sialic-acid dependent cell-cell interactions between neuronal and myelinating cells and preferentially binds to alpha-2,3-linked sialic acid.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** GHWGAWMPSSISAFEGTCVSIPCRFDFPDELRPVAVHGVWYFNSPYPKNYPPVFKSRTQVVHESFQGRSRLLDGLLRNCTLLLSNVSPELGGKYFRGDLGGYNQYTFSEHSVLDIVNTPNIVVPPEVVAGTEVEVSCMVPDNCPELRPELSWLGHEGLGEPVAVLGRLEDEGTWVQVSLHFVPTREANGHRLGQCASFNTTLQFEGYASMDVKYPPVIVEMNSSVEAIEGSHVSLLCGADSNPPPLLTWMRDGTVLRVAESLLEEEVTPAEDGVYACLAENAYGQDNRTVGLSVMYAPWKPTVNGTMVAVEGETVSILCSTQSNPDPILTIFKEKQILSTVIYESELQLELPAVSPEDDGEYWCVAENQYGRATAFNLSVEFAPVLLLESHCAAARDTVQCLCVVKSNPPEPSVAFELPSRNVTVNESEREFVYSERSGLVLTSLTLRGQAQAPPRVICTARNLYGAKSLELFPQGAHRLMWAKIGPVDHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.