

## 32-18321: Human MAG Protein, His Tag

**Uniprot ID :** P20916

**Alternative Name :** GMA;S-MAG;SPG75;SIGLEC4A;SIGLEC-4A

### Description

**Description :** Recombinant human MAG Protein with C-terminal 6 $\text{\AA}$ —His tag

**Background :** The protein encoded by this gene 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.

**Molecular Characterization:** mass of 55.5 kDa after removal of the signal peptide. The apparent molecular mass of MAG-His is approximately 70-130 kDa due to glycosylation.

**Tag :** C-6 $\text{\AA}$ —His Tag

### Product Info

**Amount :** 50  $\mu\text{g}$  / 100  $\mu\text{g}$

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20 $^{\circ}\text{C}$  to -80 $^{\circ}\text{C}$  for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 $^{\circ}\text{C}$  (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

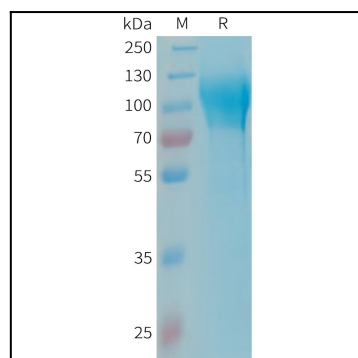


Figure 1. Human MAG Protein, His Tag on SDS-PAGE under reducing condition.