

## HUMAN MAG PROTEIN

货号: 12267

产品全名: 人 MAG 蛋白

规格: 10/50/100 µg

基因符号 GMA;S-MAG;SPG75;SIGLEC4A;SIGLEC-4A

目标蛋白: MAG

**UNIPROT ID:** P20916

**描述:** Recombinant human MAG Protein with C-terminal 6xHis tag

**背景:** 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. [provided by RefSeq, Nov 2010]

**物种/宿主:** HEK293

**分子量:** The protein has a predicted molecular 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.

**分子特征:** MAG(Gly20-Pro516) 6×His tag

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

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

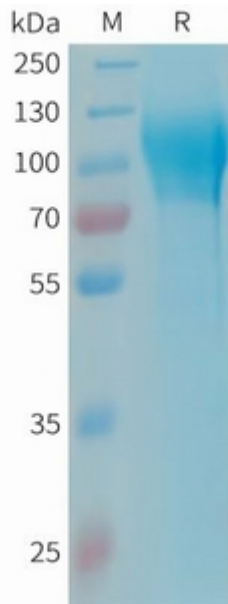


Figure 1. Human MAG Protein, His Tag on SDS-PAGE under reducing condition.