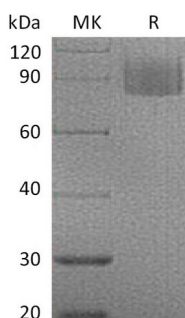


概述 (Summary)

英文全称	MAG/Siglec-4a
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Mouse 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.
Accession #	P20917
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	55.7 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM HEPES, 150mM NaCl, 1mM EDTA, pH7.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Mouse MAG (C-6His)
Catalog #: PHM1128



背景 (Background)

分子别名 (Alternative Names)

Myelin-Associated Glycoprotein; MAG; Siglec-4a

背景介绍 (References)

Myelin-Associated Glycoprotein (MAG, Siglec-4a), is a type I transmembrane glycoprotein belonging to the Siglec family. It is composed of an extracellular segment containing five Ig-like domains, a single transmembrane segment, and a cytoplasmic domain. Mouse MAG shares 95% and 99% aa sequence identity with human and rat MAG, respectively. MAG functions as an adhesion molecule during neural development. It preferentially binds to α -2,3-linked sialic acid terminal structures found on cell surface molecules. MAG is selectively expressed by myelinating oligodendrocytes and Schwann cells and plays an important role in axon-myelin stability. MAG is also reported to regulate the axon cytoskeleton and support the distribution of axon molecules at the nodes of Ranvier. In addition, it has been identified as a major inhibitor of neurite outgrowth.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.