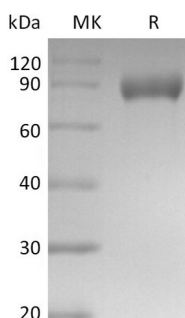


概述 (Summary)

英文全称	Siglec-E
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 Sialic Acid Binding Ig-like Lectin E is produced by our Mammalian expression system and the target gene encoding Gln20-Phe355 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q6PJ50
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	64.4 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.5.
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 Siglec-E (C-Fc)
Catalog #: PHM2310



背景 (Background)

分子别名 (Alternative Names)

SiglecE; Siglec-E

背景介绍 (References)

Siglecs are sialic acid specific I-type lectins that are characterized by an extracellular domain (ECD) with an N-terminal Ig-like V-set domain followed by varying numbers of Ig-like C2-set domains. Mouse Siglec-E, also known as Myeloid Inhibitory Siglec (MIS), is an 80 - 85 kDa member of the CD33-related subfamily of Siglecs. Rodent and primate Siglec gene families have significantly diverged, and Siglec-9 is the most likely human ortholog of mouse Siglec-E. Siglec-E is expressed as a heavily N-glycosylated disulfide-linked homodimer and shows binding preference for disialic acids in the alpha 2-8 linkage. Siglec-E is up-regulated and additionally phosphorylated following cellular stimulation by a variety of TLR agonists. Siglec-E signaling negatively regulates the LPS-induced production of TNF-alpha and IL-6 by macrophages. Its up-regulation in macrophages parallels the development of endotoxin tolerance. Siglec-E recognition of sialylated determinants on virulent *T. cruzi* contributes to the suppression of dendritic cell IL-12 p40 production.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.