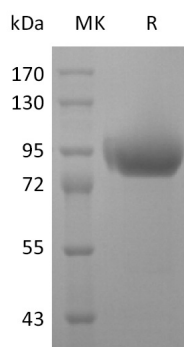


概述 (Summary)

英文全称	Siglec-5/CD170/CD33L2/CD33 antigen-like 2/Obesity-binding protein 2/OBBP2
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 Human Sialic Acid-binding Ig-like Lectin 5 is produced by our Mammalian expression system and the target gene encoding Glu17-Thr434 is expressed with a 6His, Flag, human IgG1 Fc tag at the C-terminus.
Accession #	O15389
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	74.1 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Histidine, 10% Trehalose, 2% Mannitol, 50mM NaCl, 0.05% Tween80, pH 5.5.
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 Human Siglec-5 (C-6His-Flag-Fc)
Catalog #: PHH1952



背景 (Background)

分子别名 (Alternative Names)

Sialic acid-binding Ig-like lectin 5; Siglec-5; CD33 antigen-like 2; Obesity-binding protein 2; OB-BP2; CD170

背景介绍 (References)

Human Siglec-5 are I type(Ig type) lectins belonging to the Ig superfamily, They are characterized by an N terminal Ig-like V type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2 type domains. SIGLEC5 has also been designated CD170, they are expressed by monocytic or myeloid lineage cells, and also found at high levels in peripheral blood leukocytes, spleen, bone marrow and at lower levels in lymph node, lung, appendix, placenta, pancreas and thymus. SIGLEC5 are expressed by monocytes and neutrophils but absent from leukemic cell lines representing early stages of myelomonocytic differentiation. Siglec5 to 11 share a high degree of sequence similarity with CD33/Siglec3 both in their extracellular and intracellular regions. They are collectively referred to as CD33 related Siglecs. One remarkable feature of the CD33 related Siglecs is their differential expression pattern within the hematopoietic system This fact, together with the presence of two conserved immunoreceptor tyrosinebased inhibition motifs (ITIMs) in their cytoplasmic tails, suggests that CD33 related Siglecs are involved in the regulation of cellular activation within the immune system.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.