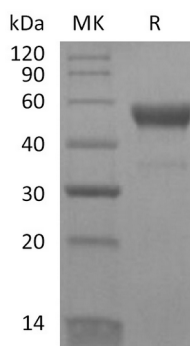


概述 (Summary)

英文全称	CD300b/CD300LB/LMIR5
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 CD300LB is produced by our Mammalian expression system and the target gene encoding Ile55-His187 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	AAH28091.1
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	42.2 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
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 CD300LB (C-Fc)
Catalog #: PHH2130



背景 (Background)

分子别名 (Alternative Names)

CD300b; CLM-7; CLM-7; CMRF35-A2; IREM-3; IREM3; TREM-5; TREM5; CD300LB

背景介绍 (References)

CD300LB, also known as CD300b, LMIR5, CLM-7, and IREM-3, is a glycoprotein member of the immunoglobulin superfamily. LMIR5 is expressed on the surface of myeloid lineage cells. It forms noncovalent cis-homodimers and cis-heterodimers with other CD300 family proteins, and the composition of these dimers affects the cellular response. Antibody cross-linking of LMIR5 induces mast cell granule release and cytokine production as well as its tyrosine phosphorylation of LMIR5 (in human). LMIR5 interacts with TIM1 and TIM4 which regulate T cell activation and are themselves binding partners. TIM1 interactions with LMIR5 mediate mast cell activation and the accumulation of neutrophils at sites of TIM1 up-regulation on damaged renal tubule epithelial cells. Acts as an activating immune receptor through its interaction with ITAM-bearing adapter TYROBP, and also independently by recruitment of GRB2.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.