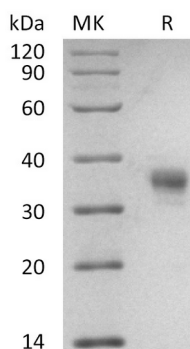


概述 (Summary)

英文全称	LILRB4/ILT3/CD85k
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 Cynomolgus Leukocyte immunoglobulin-like receptor subfamily B member 4 is produced by our Mammalian expression system and the target gene encoding Gln22-Glu259 is expressed with a 6His tag at the C-terminus.
Accession #	XM_015441712.1
蛋白标签 (Tag)	
表达宿主 (Host)	Human cells
种属 (Species)	Cynomolgus
预测分子量 (Predicted MW)	26.9 kDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4
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 Cynomolgus LILRB4 (C-6His)
Catalog #: PHV2443



背景 (Background)

分子别名 (Alternative Names)

Leukocyte immunoglobulin-like receptor subfamily B member 4; CD85 antigen-like family member K; Immunoglobulin-like transcript 3 (ILT-3); Leukocyte immunoglobulin-like receptor 5 (LIR-5); Monocyte inhibitory receptor HM18; CD85k; LILRB4; ILT3; LIR5

背景介绍 (References)

Leukocyte Immunoglobulin-like Receptor Subfamily B Member 4 (LILRB4/CD85k/ILT3) is an approximately transmembrane glycoprotein that negatively regulates immune cell activation. LILRB4 consists of a 215 amino acid (aa) extracellular domain with two Ig-like domains, a 22 aa transmembrane segment, and a 75 aa cytoplasmic domain with 3 immunoreceptor tyrosine-based inhibitory motifs (ITIM). Within the ECD, LILRB4 shares 45% and 77% aa sequence identity with human and rat LILRB4, respectively. Alternative splicing of LILRB4 generates a potentially soluble isoform that lacks the transmembrane segment. LILRB4 is expressed on dendritic cells (DC), monocytes, macrophages, and vascular endothelial cells (EC). Ligation of LILRB4 triggers ITIM-mediated inhibition of cellactivating signaling, leading to enhanced immune tolerance and reduced allogeneic graft rejection. Soluble LILRB4 induces the differentiation of CD8+ T suppressor cells (Ts) that can inhibit the effector functions of CD4+ Th cells and CD8+ CTL. In turn, CD8+ Ts cells induce LILRB4 up-regulation and a tolerogenic phenotype in monocytes, DC, and EC.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.