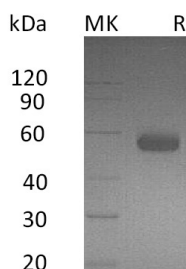


概述 (Summary)

英文全称	BTLA/B-and-T-lymphocyte attenuator/CD272
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 B- and T-Lymphocyte Attenuator is produced by our Mammalian expression system and the target gene encoding Lys31-Leu150 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q7Z6A9-2
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	40.9 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 BTLA (C-Fc)
Catalog #: PHH0172



背景 (Background)

分子别名 (Alternative Names)

B- and T-Lymphocyte Attenuator; B- and T-Lymphocyte-Associated Protein; CD272; BTLA

背景介绍 (References)

B- and T-Lymphocyte Attenuator (BTLA) is a single-pass type I membrane protein containing 1 Ig-like V-type (immunoglobulin-like) domain. BTLA expression is induced during activation of T cells, and BTLA remains expressed on Th1 cells but not Th2 cells. Like PD1 and CTLA4, BTLA interacts with a B7 homolog, B7H4. However, unlike PD-1 and CTLA-4, BTLA displays T-Cell inhibition via interaction with tumor necrosis family receptors (TNF-R), not just the B7 family of cell surface receptors. BTLA is a lymphocyte inhibitory receptor that inhibits lymphocytes during immune response. BTLA also is a ligand for tumor necrosis factor (receptor) superfamily, member 14 (TNFRSF14), also known as herpes virus entry mediator (HVEM). BTLA-HVEM complexes negatively regulate T-cell immune responses.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.