9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

BTLA Human

B And T Lymphocyte Associated Human Recombinant
RCP0240

Product Overview

Name	BTLA Human
Description	
B And T Lymphocyte Associated Human Recombinant	
Accession (Primary)	Q7Z6A9
Synonyms	
B- and T-lymphocyte attenuator, B- and T-lymphocyte-associated protein, CD272, B And T Lymphocyte Associated, B-And T-Lymphocyte-Associated Protein, B- And T, Lymphocyte Attenuator, CD272 Antigen, BTLA1.	
Introduction	
BTLA, also known as B And T Lymphocyte Associated, is an inhibitory molecule which is part of the Ig superfamily. BTLA is a type 1 transmembrane glycoprotein in the CD28 family of T cell costimulatory molecules. BTLA is a 3rd inhibitory receptor on T lymphocytes with resemblances to CTLA-4 & PD-1. Moreover, BTLA is a ligand for TNF (receptor) superfamily, TNFRSF14, and HVEM. BTLA-HVEM complexes negatively regulate T-cell immune responses.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
BTLA protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP KESCDVQ LYIKRQSEHS ILAGDPFELE CPVKYCANRP HVTWCKLNGT TCVKLEDRQT SWKEEKNISF FILHFEPVLP NDNGSYRCSA NFQSNLIESH STTLYVTDVK SASERPSKDE MASRPWLLYS HHHHHH .	
Precautions	
BTLA Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q7Z6A9)