

Datasheet for ABIN7281321  
**BTLA Protein (AA 31-157) (His tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	BTLA
Protein Characteristics:	AA 31-157
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTLA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPKESCDVQ LYIKRQSEHS ILAGDPFELE CPVKYCANRP HVTWCKLNGT TCVKLEDRQT SWKEEKNISF FILHFEPVLP NDNGSYRCSA NFQSNLIESH STTLYVTDVK SASERPSKDE MASRPWLLYS HHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

## Target Details

Target:	BTLA
Alternative Name:	BTLA ( <a href="#">BTLA Products</a> )
Background:	BTLA, also known as B- and T-lymphocyte attenuator isoform 1, is an inhibitory molecule which belongs to the Ig superfamily. It is a type 1 transmembrane glycoprotein in the CD28 family of T

## Target Details

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cell costimulatory molecules. This protein is a third inhibitory receptor on T lymphocytes with similarities to cytotoxic T lymphocyte-associated antigen 4 (CTLA-4) and programmed death 1 (PD-1). Also, it 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. Recombinant human BTLA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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Molecular Weight: 15.7kDa (136aa) 18-28kDa (SDS-PAGE under reducing conditions)

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NCBI Accession: [NP\\_861445](#)

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UniProt: [Q7Z6A9](#)

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Pathways: [Cancer Immune Checkpoints](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.5 mg/mL

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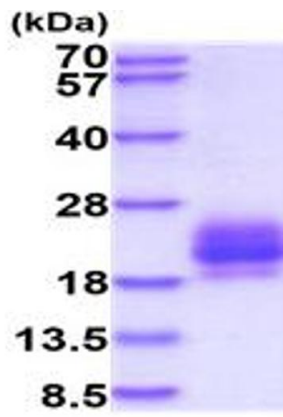
Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.