

Active Recombinant Human BTLA, MlgG2a Fc-tagged

Cat. No. BTLA-188H Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CD272 (NP_861445.3) (Lys31-Ser157) is fused to the N-terminus of the Fc region of mouse IgG2awas expressed in CHO cell
Species	Human
Source	CHO
ProteinLength	31-157 a.a.
Description	This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a competitive binding assay.
Molecular Mass	41KDa (monomer)
AA Sequence	Lys31-Ser157
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="" test.="">

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Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	BTLA B and T lymphocyte associated [Homo sapiens]
Official Symbol	BTLA
Synonyms	BTLA; B and T lymphocyte associated; B- and T-lymphocyte attenuator; BTLA1; CD272; B and T lymphocyte attenuator; B- and T-lymphocyte-associated protein; FLJ16065; MGC129743;
Gene ID	151888
mRNA Refseq	NM_001085357
Protein Refseq	NP_001078826
MIM	607925
UniProt ID	Q7Z6A9
Chromosome Location	3q13.2

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Pathway	Adaptive Immune System, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	receptor activity;

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