

Recombinant Human BTLA, Fc-tagged

BTLA-192H Human

Lot. No. (See product label)

Specification

Product Overview	Human BTLA (31-134) Protein, Fc Tag (Human BTLA (31-134), Fc Tag) Lys 31 - Thr 134 (Accession # NP_001078826.1) was produced in human 293 cells (HEK293).
Source	HEK293
Species	Human
Tag	Fc
Form	Lyophilized from 0.22 µm filtered solution in 50 mM tris, 100 mM glycine, pH7.5, 10% Trehalose.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human HVEM, Strep Tag at 2 µg/mL (100 µL/well) can bind Human BTLA, Fc Tag with a linear range of 0.01 – 0.5 µg/mL.
Molecular Mass	Human BTLA (31-134), Fc Tag is fused with a human IgG1 Fc tag at the C-terminus, and has a calculated MW of 38.7 kDa. The predicted N-terminus is Lys 31. The reducing (R) protein migrates as 45-50 kDa in SDS-PAGE due to glycosylation.
Endotoxin	<1.0 EU per µg of the protein as determined by the LAL method.
Purity	>92% as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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UniProt ID [Q7Z6A9](#)

**Chromosome
Location** 3q13.2

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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