

Recombinant Human BTLA protein, His-tagged

Cat. No. BTLA-1589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTLA protein(NP_001078826.1) (Met1-Thr134) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-134 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized Recombinant Human BTLA Protein (His Tag) at 2 µg/ml (100 µl/well) can bind Recombinant Mouse HVEM / TNFRSF14 Protein (His & Fc Tag), the EC50 is 11-33 ng/mL.
Molecular Mass	The recombinant Human BTLA consists of 115 amino acids and predicts a molecular mass of 13.47 kDa. It migrates as an approximately 30 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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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

UniProt ID Q7Z6A9

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