

## Recombinant Human BTLA protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BTLA protein(NP_001078826.1) (Met1-Thr134) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-134 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
<b>Storage</b>	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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