

Active Recombinant Human BTLA protein, hFc-tagged

Cat. No. BTLA-2928H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTLA protein(NP_001078826.1)(Met1-Thr134), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Thr134
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized human BTLA-Fc at 10µg/mL (100µL/well) can bind biotinylated mouse HVEM-Fch, the EC50 of biotinylated mouse HVEM-Fch is 6-70ng/mL.
Molecular Mass	The recombinant human BTLA comprises 342 amino acids and has a predicted molecular mass 38.8 kDa. As a result of glycosylation, it migrates as an approximately 53.7 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA