

Recombinant Human BTLA protein, Fc/His-tagged

Cat. No. BTLA-191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTLA(Lys31-Leu150) fused with Fc/His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys31-Leu150
Form	Lyophilized from a 0.2 µm filtered solution of PBS,pH 7.4
AA Sequence	KESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVTWCKLNGTTCVKLEDNRQ TSWKEEKNI SFFILHFEPVLPNDNGSYRCSANFQSNLIESHSTTLYVTGKQNELSDT AGREINLVDDIEGRMDE PKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRT PEVTCVVVDVSHEDPEVKFNWYVDG VEVHNAKTKPREEQYNSTYRVVSVLTVLHQ DWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP QVYTLPPSREEMTKNQVSLTC LVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLT VDKSRWQQGNV FSCSVMHEALHNHYTQKSLSLSPGK
Endotoxin	Less than 0.1 ng/g (1 IEU/g).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7

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centigrade for 2-7 days. Aliquots of reconstituted samples are stable at < -20 centigrade for 3 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Shipping

The product is shipped at ambient temperature.

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 3q13.2

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Location	
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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