

Active Recombinant Human BTLA protein, hFc&His-tagged

Cat. No. BTLA-20H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTLA protein(Lys31-Thr134), fused with C-terminal hFc and His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-134 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant human BTLA at 3 µg/mL (100 µL/well) can bind Biotinylated Recombinant human HVEM with a linear range of 18-72 ng/mL.
Molecular Mass	38.81 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

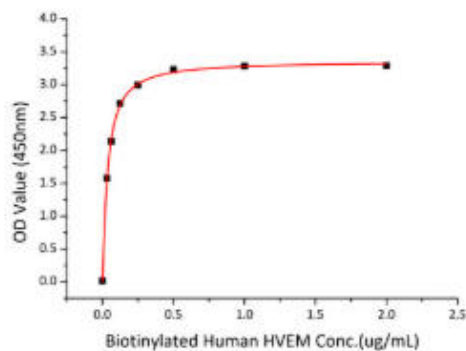
UniProt ID [Q7Z6A9](#)

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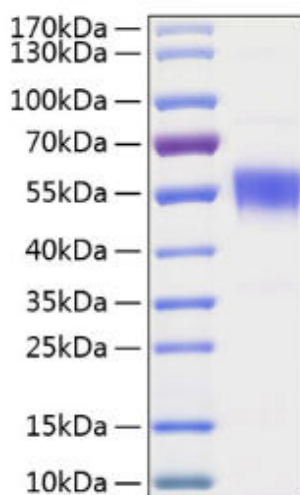
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Activity



SDS-PAGE



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