

Active Recombinant Human BTLA protein, hFc-tagged, Low Endotoxin

Cat. No. BTLA-233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTLA protein(Q7Z6A9-1)(Lys31-Ser150), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-150 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human HVEM, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human BTLA, hFc Tag with the EC50 of 7.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 40.5 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

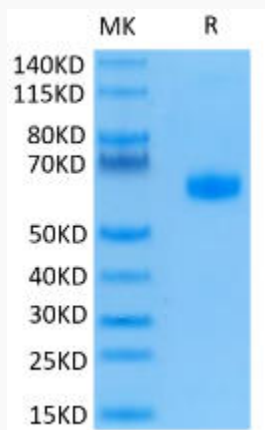
UniProt ID [Q7Z6A9](#)

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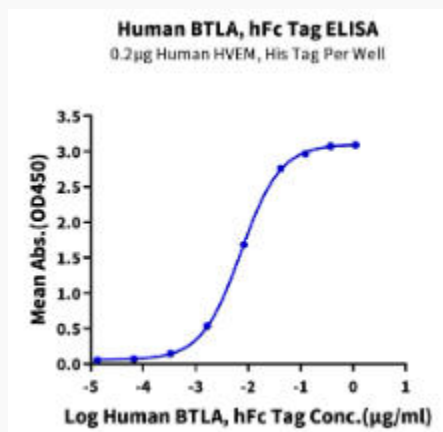
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Bis-Tris PAGE



ELISA Data



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