

Recombinant Human BTLA/CD272 Protein

Catalog No.: RP01052

Sequence Information

Species	Gene ID
Human	151888
Swiss Prot	Tags
Q7Z6A9-2	C-hFc&His

Synonyms

BTLA,BTLA1,CD272

Product Information

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE.

Calculated MW/Observed MW

38.81 kDa 50–60 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

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.

Background

Basic Information

Description

Active Recombinant Human BTLA Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Lys31–Thr134) of human BTLA (Accession #NP_001078826.1.) fused with an Fc, 6×His tag at the C-terminus.

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.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

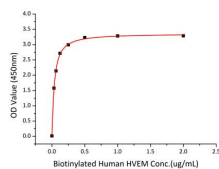
Contact

☎ | 400-999-6126

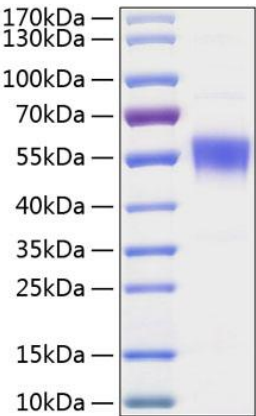
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Validation Data



Immobilized Recombinant human BTLA at 3µg/mL (100 µL/well) can bind Biotinylated Recombinant human HVEM with a linear range of 18-72 ng/mL.



Recombinant Human BTLA/CD272 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.