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Recombinant Human BTLA/CD272 Protein

Catalog No.: RP01052 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	151888	Q7Z6A9-2

Tags
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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.

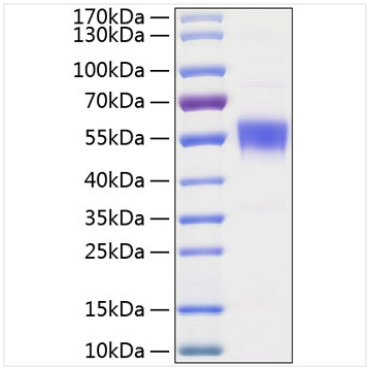
Bio-Activity
Measured by its binding ability in a functional ELISA. Immobilized Recombinant human BTLA at 3 μg/mL (100 μL/well) can bind Biotinylated Recombinant human HVEM with a linear range of 18-72 ng/mL.

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.

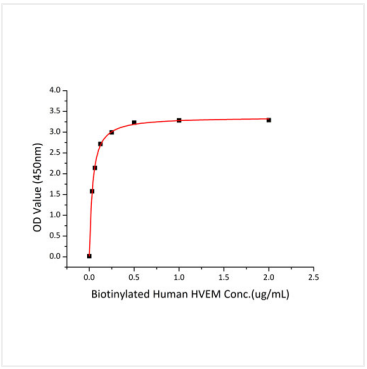
Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

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

Validation Data



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



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