

# **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/ $\mu$ g 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,  $6\times His$  tag at the C-terminus.

#### **Bio-Activity**

Measured by its binding ability in a functional ELISA. Immobilized Recombinant human BTLA at 3  $\mu$ g/mL (100  $\mu$ L/well) can bind Biotinylated Recombinant human HVEM with a linear range of 18-72 ng/mL.

## **Shipping**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

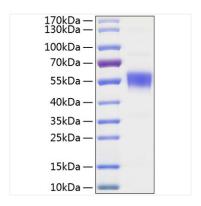
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

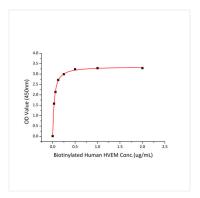
## **Operational Notes**

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.



Immobilized Recombinant human BTLA at  $3\mu g/mL$  (100  $\mu L/well$ ) can bind Biotinylated Recombinant human HVEM with a linear range of 18-72 ng/mL.