

PRODUCT INFORMATION

Target BTLA

BTLA;CD272 **Synonyms**

Recombinant human BTLA protein with C-terminal **Description**

mouse Fc and 6×His tag

Delivery In Stock **Uniprot ID** Q7Z6A9 **Expression Host HEK293**

Tag C-Mouse Fc and 6×His Tag

Molecular BTLA(Lys31-Ser150) mFc(Pro99-Lys330) 6×His

Characterization

The protein has a predicted molecular mass of **Molecular Weight** 41.3 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in

lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response.

Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid

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arthritis.

Usage Research use only

Conjugate Unconjugated

Background





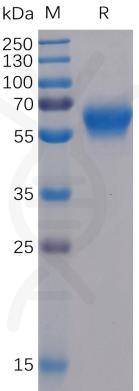


Figure 1. Human BTLA Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human BTLA, mFc-His Tagged protein ELISA

0.2 µg of HVEM, His Tagged protein per well

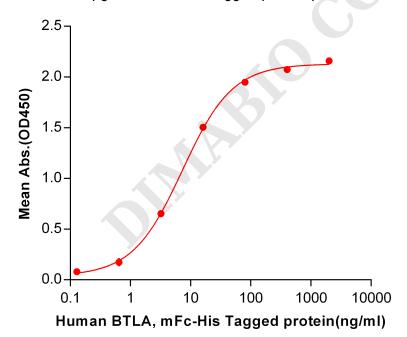


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human HVEM, His tagged protein PME100273 can bind Human BTLA,mFc-His tagged protein (PME100048) in a linear range of 0.64-80 ng/ml.

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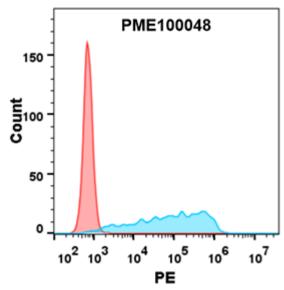


Figure 3. Flow cytometry analysis with $1\mu g/ml$ Human BTLA Protein, mFc-His tag (PME100048) on HEK293 cells transfected with human HVEM (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

Email: info@dimabio.com Website: www.dimabio.com

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

