

PRODUCT INFORMATION

BTLA Target

Synonyms BTLA;CD272

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

Human Fc tag

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

Tag C-Human Fc Tag

Molecular

Background

Human BTLA(Lys31-Ser150) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 39.9 kDa after removal of the signal peptide. The **Molecular Weight**

apparent molecular mass of Human-BTLA-hFc is approximately 55-70 kDa due to glycosylation. 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 lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

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







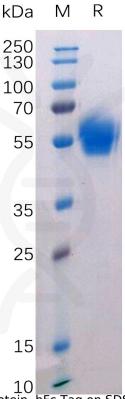


Figure 1. Human BTLA Protein, hFc Tag on SDS-PAGE under reducing condition.

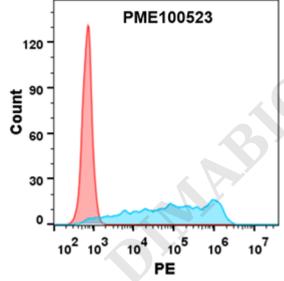


Figure 2. Flow cytometry analysis with $1\mu g/ml$ Human BTLA Protein, hFc tag (PME100523) on HEK293 cells transfected with human HVEM(Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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