

PRODUCT INFORMATION

BTLA Target

Synonyms BTLA;D272

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

mFc tag In Stock

Uniprot ID Q7TSA3 **Expression Host HEK293**

Tag C-Mouse Fc Tag

Molecular

Background

Delivery

Mouse BTLA(Glu30-Pro176) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of 42.7 kDa after removal of the signal peptide. The **Molecular Weight**

apparent molecular mass of Mouse-BTLA-mFc 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.

Inhibitory receptor on lymphocytes that negatively regulates antigen receptor signaling via PTPN6/SHP-1 and PTPN11/SHP-2 (PubMed:12796776, PubMed:14652006). May interact in cis (on the same cell) or in trans (on other cells) with TNFRSF14 (PubMed:19915044). In cis interactions, appears to play an immune regulatory role inhibiting in trans interactions in

naive T cells to maintain a resting state. In trans interactions, can predominate during adaptive immune response to provide survival signals to effector T cells (PubMed:19915044).

Usage Research use only

Conjugate Unconjugated







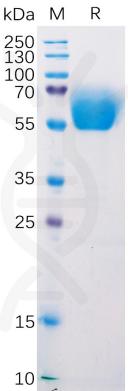


Figure 1. Mouse BTLA Protein, mFc Tag on SDS-PAGE under reducing condition.



