Mouse BTLA Protein, His Tag

Cat. No. PME100526

PRODUCT INFORMATION

Target	BTLA
Synonyms	BTLA;D272
Description	Recombinant mouse BTLA protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q7TSA3
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Mouse BTLA(Glu30-Pro176) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 17.4 kDa after removal of the signal peptide.The apparent molecular mass of Mouse-BTLA-His is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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

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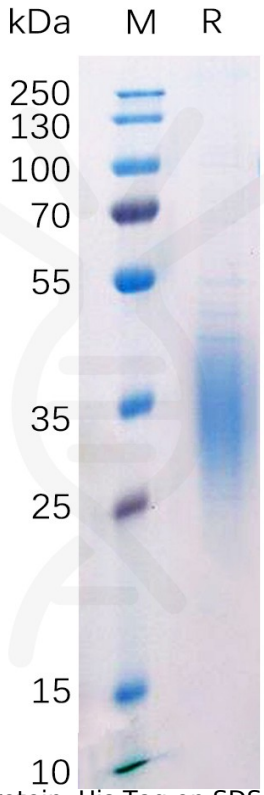


Figure 1. Mouse BTLA Protein, His Tag on SDS-PAGE under reducing condition.

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