

Recombinant Mouse BTLA protein(Met1-Gly176), hFc-tagged

Cat. No. BTLA-8698M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse BTLA (AAI08964.1, with mutations K173E) (Met1-Gly176) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly176
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized mouse BTLA-Fc at 10 µg/ml (100 µl/well) can bind biotinylated mouse HVEM-Fch, The EC50 of biotinylated mouse HVEM-Fch is 15.7-36.7 ng/ml.
Molecular Mass	The recombinant mouse BTLA /Fc is a disulfide-linked homodimer. The reduced monomer comprises 388 amino acids and has a predicted molecular mass of 437 kDa. The apparent molecular mass of the protein is approximately 57-62 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Btla B and T lymphocyte associated \[Mus musculus \]](#)

Official Symbol [BTLA](#)

Synonyms

BTLA; B and T lymphocyte associated; B- and T-lymphocyte attenuator; B and T lymphocyte attenuator; B- and T-lymphocyte-associated protein; A630002H24; MGC124217; MGC124218;

Gene ID [208154](#)

mRNA Refseq [NM_001037719](#)

Protein Refseq [NP_001032808](#)

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