

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly176
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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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