

Recombinant Mouse BTLA Protein, Fc-tagged

Cat. No. BTLA-613M Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Mouse BTLA protein with Fc tag was expressed in HEK293.

Species Mouse

Source HEK293

ProteinLength 305

Description Enables signaling receptor activity. Acts upstream of or within immune response-regulating cell surface receptor signaling pathway; negative regulation of B cell proliferation; and negative regulation of alpha-beta T cell proliferation. Located in external side of plasma membrane. Is integral component of plasma membrane. Orthologous to human BTLA (B and T lymphocyte associated).

Form Lyophilized

Molecular Mass 42.7 kDa

AA Sequence

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MKTVPAMLGTPRRLFREFFILHLGLWSILCEKATKRND E ECEVQLNIKRNSKHS AWTG  
ELFKIECPVKYCVHRPNVTWCKHNGTIWVPLEVGPQLYTSWEENRSVPVFLHFKPI  
HLSDNGSYS CSTNFNSQVINSHSVTIHVRERTQNSSEHPLIISDIPDATNASGPSTME  
KRPGRTWLLY TLLPLGALLLLLACVCLLCFLKRIQGKEKKPSDLAGRDTNLVDIPASS  
RTNHQALPSGTGIYDNDPWSSMQDESELTISLQSERNNQGIVYASLNHCVIGRNPR  
QENNMQEAPTEYASICVRS
```

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	Btla B and T lymphocyte associated [<i>Mus musculus</i> (house mouse)]
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

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mRNA Refseq [NM_001037719](#)

Protein Refseq [NP_001032808](#)

UniProt ID [Q7TSA3](#)

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