

## Recombinant Human BTLA Protein, Fc-tagged

Cat. No. BTLA-610H Lot. No. (See product label)

### SPECIFICATION

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

**Species** Human

**Source** HEK293

**ProteinLength** 289

**Description** This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis.

**Form** Lyophilized

**Molecular Mass** 40.4 kDa

**AA Sequence**

```
MKTLPAMLGTGKLFWVFFLIPYLDIWNHIGKESCDVQLYIKRQSEHSILAGDPFELEC
PVKYCANRPHVTWCKLNGTTCVKLEDRQTSWKEEKNISFFILHFEPVLPNDNGSYR
CSANFQSNLIESHSTTLYVTDVKSASERPSKDEMASRPWLLYRLLPLGGLPLLITTCF
CLFCCLRRHQGKQNELSDTAGREINLVD AHLKSEQTEASTRQNSQVLLSETGIYDND
PDLCFRMQEGSEVYSNPCLEENKPGIVYASLNH SVIGPNSRLARNVKEAPTEYASIC
VRS
```

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<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	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.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H <sub>2</sub> O 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

<b>Gene Name</b>	<a href="#">BTLA B and T lymphocyte associated [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">BTLA</a>
<b>Synonyms</b>	BTLA; B and T lymphocyte associated; B- and T-lymphocyte attenuator; BTLA1; CD272; B and T lymphocyte attenuator; B- and T-lymphocyte-associated protein; FLJ16065; MGC129743;
<b>Gene ID</b>	<a href="#">151888</a>

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mRNA Refseq	NM_001085357
Protein Refseq	NP_001078826
MIM	607925
UniProt ID	Q7Z6A9

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