

Recombinant Human BTLA Protein

Cat. No. BTLA-611H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human BTLA protein without 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 15.6 kDa

AA Sequence

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MKTLPAMLGTGKLFWVFFLIPYLDIWNHIGKESCDVQLYIKRQSEHSILAGDPFELEC
PVKYCANRPHVTWCKLNGTTCVKLEDRQTSWKEEKNISFFILHFEPVLPNDNGSYR
CSANFQSNLIESHSTTLYVTDVKASERPSKDEMASRPWLLYRLLPLGGLPLLITTCF
CLFCCLRRHQGKQNELSDTAGREINLVD AHLKSEQTEASTRQNSQVLLSETGIYDND
PDLCFRMQEGSEVYSNPCLEENKPGIVYASLNH SVIGPNSRLARNVKEAPTEYASIC
VRS
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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 H ₂ 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

Gene Name	BTLA B and T lymphocyte associated [Homo sapiens (human)]
Official Symbol	BTLA
Synonyms	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;
Gene ID	151888

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mRNA Refseq	NM_001085357
Protein Refseq	NP_001078826
MIM	607925
UniProt ID	Q7Z6A9

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