

Product datasheet for **MC212497**

Btla (NM_001037719) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btla (NM_001037719) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Btla
Synonyms:	A630002H24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212497 representing NM_001037719 Red =Cloning site Blue =ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGACAGTGCCTGCCATGCTTGGGACTCCTCGGTTATTTAGGGAATTCCTCATCCTCCATCTGGGCC
TCTGGAGCATCCTTTGTGAGAAAGCTACTAAGAGGAATGATGAAGAGTGTCCAGTGCAACTACTATTAC
GAGGAATCCAACAGTCTGCCAGGACAGGAGAGTTATTTAAAATCAATGTCCTGTGAAATACTGTGTT
CATAGACCTAATGTGACTTGGTGAAGCACAATGGAACAATCTGTGTACCCCTTGAGGTTAGCCCTCAGC
TATACACTAGTTGGGAAGAAAATCAATCAGTTCGGTTTTTGTCTCCACTTTAAACCAATACATCTCAG
TGATAATGGGTGCTATAGCTGTTCTACAACTTCAATTCTCAAGTTATTAATAGCCATTCAGTAACCATC
CATGTGACAGAAAAGGACTCAAACTCTTCAGAACCCCACTAATAACAGTATCTGACATCCAGATGCCA
CCAATGCCTCAGGACCATCCACCATGGAAGAGAGGCCAGGCAGGACTTGGCTGCTTTACACCTTGCTTCC
TTTGGGGCATTGCTTCTGCTCCTTGCTGTGTCTGCCTGCTCTGCTTTCTGAAAAGGATCCAAGGGAAA
GAAAAGAAGCCTTCTGACTTGGCAGGAAGGGACACTAACCTGGTTGATATCCAGCCAGTTCAGGACAA
ATCACCAAGCACTGCCATCAGGAAGTGAATTTATGATAATGATCCCTGGTCTAGCATGCAGGATGAATC
TGAATTTGACAATTAGCTTGCAATCAGAGAGAAAACAACCCAGGCATTGTTTATGCTCTTTGAACCATGT
GTTATTGGAAGGAATCCAAGACAGGAAAACAACATGCAGGAGGCCACCCACAGAATATGCATCCATTTGTG
TGAGAAGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1617_h02.zip

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001037719
Insert Size:	921 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001037719.2</u> , <u>NP_001032808.2</u>
RefSeq Size:	3235 bp
RefSeq ORF:	921 bp
Locus ID:	208154
UniProt ID:	<u>Q7TSA3</u>
Cytogenetics:	16 B5
Gene Summary:	<p>Inhibitory receptor on lymphocytes that negatively regulates antigen receptor signaling via PTPN6/SHP-1 and PTPN11/SHP-2 (PubMed:12796776, PubMed:14652006). May interact in cis (on the same cell) or in trans (on other cells) with TNFRSF14 (PubMed:19915044). In cis interactions, appears to play an immune regulatory role inhibiting in trans interactions in naive T cells to maintain a resting state. In trans interactions, can predominate during adaptive immune response to provide survival signals to effector T cells (PubMed:19915044). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer transcript and it encodes the longer protein (isoform 1).</p>