

Product datasheet for **SC327455**

BTNL8 (NM_001159710) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTNL8 (NM_001159710) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTNL8
Synonyms:	BTN9.2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001159710, the custom clone sequence may differ by one or more nucleotides

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ATGCATGGCCTGTTTGTGTGGAGATCTCTCTGACCGTCCAAGAGAACGCCGGGAGCATA
TCCTGTTCCATGCGGCATGCTCATCTGAGCCGAGAGGTGGAATCCAGGGTACAGATAGGA
GATACCTTTTTTCGAGCCTATATCGTGGCACCTGGCTACCAAAGTACTGGGAATACTCTGC
TGTGGCCTATTTTTTGGCATTGTTGGACTGAAGATTTTCTCTCCAAATCCAGTGGAAA
ATCCAGGCGGAACTGGACTGGAGAAGAAAGCACGGACAGGCAGAATTGAGAGACGCCCGG
AAACACGCAGTGGAGGTGACTCTGGATCCAGAGACGGCTCACCCGAAGCTCTGCGTTTCT
GATCTGAAAAGTGAACCCATAGAAAAGCTCCCCAGGAGGTGCCCTCACTCTGAGAAGAGA
TTTACAAGGAAGAGTGTGGTGGCTTCTCAGAGTTTCCAAGCAGGGAACATTACTGGGAG
GTGGACGAGGACACAATAAAAGGTGGCGCGTGGGAGTGTGCCGGGATGATGTGGACAGG
AGGAAGGAGTACGTGACTTTGTCTCCCGATCATGGGTACTGGGTCTCAGACTGAATGGA
GAACATTTGTATTTACATTAATAATCCCCGTTTTATCAGCGTCTTCCCCAGGACCCCACT
ACAAAAATAGGGGTCTTCTGGACTATGAGTGTGGGACCATCTCCTTCTCAACATAAAT
GACCAGTCCCTTATTTATACCCTGACATGTCGGTTTGAAGGCTTATTGAGGCCCTACATT
GAGTATCCGTCTATAATGAGCAAAATGGAACCCCATAGTCATCTGCCAGTCACCCAG
GAATCAGAGAAAGAGGCCTCTTGGCAAAGGCCTCTGCAATCCCAGAGACAAGCAACAGT
GAGTCCTCCTCACAGGCAACCACGCCCTTCTCCCCAGGGTGAATG
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Restriction Sites:	Please inquire
ACCN:	NM_001159710
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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001159710.1</u> , <u>NP_001153182.1</u>
RefSeq Size:	1612 bp
RefSeq ORF:	951 bp
Locus ID:	79908
UniProt ID:	<u>Q6UX41</u>
Cytogenetics:	5q35.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>May stimulate primary immune response. Acts on T-cell stimulated sub-optimally through the TCR/CD3 complex stimulating their proliferation and cytokine production.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (6) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at downstream start codon, compared to variant 1. This variant (6) also uses an alternate splice site in the middle portion of the coding region compared to variant 1, that results in a frameshift. It encodes isoform 6, which is shorter and has a distinct C-terminus compared to isoform 1.</p>