

Product datasheet for **SC311160**

BTNL8 (NM_001040462) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTNL8 (NM_001040462) 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)



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Fully Sequenced ORF: >OriGene sequence for NM_001040462 edited
 GAACACATCCATGGCTCTCATGCTCAGTTTGGTTCTGAGTCTCCTCAAGCTGGGATCAGG
 GCAGTGGCAGGTGTTTGGGCCAGACAAGCCTGTCCAGGCCTTGGTGGGGAGGACGCAGC
 ATTCTCTGTTTCTGTCTCCTAAGACCAATGCAGAGGCCATGGAAGTGGGTTCTTCAG
 GGGCCAGTTCTCTAGCGTGGTCCACCTCTACAGGGACGGGAAGGACCAGCCATTTATGCA
 GATGCCACAGTATCAAGGCAGGACAAAACCTGGTGAAGGATTCTATTGCGGAGGGGCGCAT
 CTCTCTGAGGCTGGAAAACATTACTGTGTGGATGCTGGCCTCTATGGGTGCAGGATTAG
 TTCCCAGTCTTACTACCAGAAGGCCATCTGGGAGCTACAGGTGTCAGCACTGGGCTCAGT
 TCCTCTCATTTCCATCACGGGATATGTTGATAGAGACATCCAGCTACTCTGTCACTCCTC
 GGGCTGGTTCCCCCGGCCACAGCGAAGTGGAAGGTCCACAAGGACAGGATTTGTCCAC
 AGACTCCAGGACAAACAGAGACATGCATGGCCTGTTTGATGTGGAGATCTCTTGACCGT
 CCAAGAGAACGCCGGGAGCATATCCTGTTCCATGCGGCATGCTCATCTGAGCCGAGAGGT
 GGAATCCAGGTACAGATAGGAGATACCTTTTTTCGAGCCTATATCGTGGCACCTGGCTAC
 CAAAGTACTGGGAATACTCTGCTGTGGCCTATTTTTTGGCATTGTTGGACTGAAGATTTT
 CTTCTCCAAATTCAGTGGAATCCAGGCGGAAGTGGACTGGAGAAGAAAGCACGGACA
 GGCAGAATTGAGAGACGCCCGGAAACACGAGTGGAGGTGACTCTGGATCCAGAGACGGC
 TCACCCGAAGCTCTGCGTTTCTGATCTGAAAACGTAAACCCATAGAAAAGCTCCCCAGGA
 GGTGCCTCACTCTGAGAAGAGATTTACAAGGAAGAGTGTGGTGGCTTCTCAGAGTTTCCA
 AGCAGGGAACATTACTGGGAGGTGGACGGAGGACACAATAAAAGGTGGCGCGTGGGAGT
 GTGCCGGGATGATGTGGACAGGAGGAAGGAGTACGTGACTTTGTCTCCCGATCATGGGTA
 CTGGGTCTCAGACTGAATGGAGAACATTTGTATTTACATTAATCCCGTTTTATCAG
 CGTCTTCCCCAGGACCCACCTACAAAAATAGGGGTCTTCCTGGACTATGAGTGTGGGAC
 CATCTCCTTCTTCAACATAAATGACCACTCCCTTATTTATACCCTGACATGTCGGTTTGA
 AGGCTTATTGAGGCCCTACATTGAGTATCCGTCTATAATGAGCAAAATGGAACCTCCAT
 AGTCATCTGCCCAGTCACCCAGGAATCAGAGAAAGAGGCCTCTTGCCAAAGGGCCTCTGC
 AATCCCAGAGACAAGCAACAGTGAATCCTCTCACAGGCAACCACGCCCTTCTCCCCAG
 GGGTGAATGTAGGATGAATCACATCCACATTCTTCTTAGGGATATTAAGGTCTCTCT
 CCCAGATCCAAAGTCCCGCAGCAGCCGGCCAAGGTGGCTTCCAGATGAAGGGGACTGGC
 CTGTCCACATGGGAGTCAGGTGTCATGGCTGCCCTGAGCTGGGAGGGAAGAAGGCTGACA
 TTACATTTAGTTTGTCTCACTCCATCTGGCTAAG

Restriction Sites: Please inquire

ACCN: NM_001040462

Insert Size: 1700 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).

OTI Annotation: It is not a variant. ORF exactly matches with reference.

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:	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_001040462.1, NP_001035552.1</u>
RefSeq Size:	2052 bp
RefSeq ORF:	1503 bp
Locus ID:	79908
UniProt ID:	<u>Q6UX41</u>
Cytogenetics:	5q35.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	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] Transcript Variant: This variant (2) 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 2, previously known as the long form, which is longer and has a distinct C-terminus compared to isoform 1.