

Product datasheet for **SC305163**

BTNL8 (NM_024850) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTNL8 (NM_024850) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTNL8
Synonyms:	BTN9.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305163 representing NM_024850. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC **GCGATCGCC**
ATGGCTCTCATGCTCAGTTTGGTTCTGAGTCTCCTCAAGCTGGGATCAGGGCAGTGGCAGGTGTTTGGG
CCAGACAAGCCTGTCCAGGCCTTGGTGGGGAGGACGCAGCATTCTCCTGTTTCTGTCTCCTAAGACC
AATGCAGAGGCCATGGAAGTGCGGTTCTTCAGGGGCCAGTTCTCTAGCGTGGTCCACCTCTACAGGGAC
GGGAAGGACCAGCCATTTATGCAGATGCCACAGTATCAAGGCAGGACAAAAGTGGTGAAGGATTCTATT
GCGGAGGGGCGCATCTCTGAGGCTGGAAAACATTACTGTGTTGGATGCTGGCCTCTATGGGTGCAGG
ATTAGTCCCAGTCTTACTACCAGAAGGCCATCTGGGAGCTACAGGTGTCAGCACTGGGCTCAGTTCCT
CTCATTTCCATCACGGGATATGTTGATAGAGACATCCAGCTACTCTGTCACTCCTCGGGCTGGTTCCCC
CGGCCACAGCGAAGTGGAAGTCCACAAGGACAGGATTTGTCCACAGACTCCAGGACAAAACAGAGAC
ATGCATGGCCTGTTTGTGTTGAGATCTCTGACCGTCCAAGAGAACGCCGGGAGCATATCCTGTTCC
ATGCGGCATGCTCATCTGAGCCGAGAGGTGGAATCCAGGGTACAGATAGGAGATACCTTTTTCGAGCCT
ATATCGTGGCACCTGGCTACCAAAGTACTGGGAATACTCTGCTGTGGCCTATTTTTTGGCATTGTTGGA
CTGAAGATTTTCTTCTCAAATTCAGTGAAGCGAGAGAGAGAAGCATGGGCCGGTGCCTTATTCATG
GTTCCAGCAGGGACAGGATCAGAGATGCTCCCACATCCAGCTGCTTCTTCTTAGTCTAGCCTAGCCTCC
AGGGGCCAGGCCAAAAAAGGAAAAATCCAGCGGAACTGGACTGGAGAAGAAAGCACGGACAGGCAGA
ATTGAGAGACGCCCGAAACACGCAGTGGAGGTGACTCTGGATCCAGAGACGGCTCACCCGAAGCTCTG
CGTTTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_024850



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Insert Size:	1044 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_024850.2
RefSeq Size:	2239 bp
RefSeq ORF:	1044 bp
Locus ID:	79908
UniProt ID:	Q6UX41
Cytogenetics:	5q35.3
Protein Families:	Druggable Genome, Transmembrane
MW:	38.2 kDa
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 (1) represents the longest transcript and encodes isoform 1, previously known as the short form.</p>