

Product datasheet for **RG212236**

BTNL3 (NM_197975) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTNL3 (NM_197975) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BTNL3
Synonyms:	BTN9.1; BTNLR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG212236 representing NM_197975
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTTTTGTGCTCATTGTTGTTCTCAGTTTCTACGAGCTGGTGTCCAGGACAGTGGCAAGTCACTGGAC
 CGGGCAAGTTTGTCCAGGCCTTGGTGGGGAGGACGCCGTGTTCTCCTGCTCCCTTTTCCAGACCAG
 TGCAGAGGCTATGGAAGTGCAGTCTTCCAGGAATCAGTCCATGCTGTGGTCCACCTCTACAGAGATGGG
 GAAGACTGGGAATCTAAGCAGATGCCACAGTATCGAGGGAGAAGTGAAGTGTGGAAGGACTCCATTGCAG
 GGGGGCGTGTCTCTAAGGCTAAAAACATCACTCCCTCGGACATCGGCCTGTATGGGTGCTGGTTCAG
 TTCCAGATTTACGATGAGGAGGCCACCTGGGAGCTGCGGGTGGCAGCACTGGGCTCACTTCTCTCATT
 TCCATCGTGGGATATGTTGACGGAGGTATCCAGTACTCTGCCTGCTCCTCAGGCTGGTCCCCAGCCCA
 CAGCCAAGTGGAAAGTCCACAAGGACAGGATTTGTCTCAGACTCCAGAGCAAATGCAGATGGGTACAG
 CCTGTATGATGTGGAGATCTCCATTATAGTCCAGGAAAATGCTGGGAGCATATTGTGTTCCATCCACCTT
 GCTGAGCAGAGTCATGAGGTGGAATCCAAGGATTTGATAGGAGAGACGTTTTTCCAGCCCTCACCTTGGC
 GCCTGGCTTCTATTTTACTCGGGTACTCTGTGGTGCCTGTGTGGTGTGTCATGGGGATGATAATTGT
 TTTCTTCAAATCCAAAGGGAAAATCCAGGCGGAACTGGACTGGAGAAGAAAGCACGGACAGGCAGAAATTG
 AGAGACGCCCGGAAACACGCAGTGGAGGTGACTCTGGATCCAGAGACGGCTCACCCGAAGCTCTGCGTTT
 CTGATCTGAAAAGTGAACCCATAGAAAAGTCCCTCAGGAGGTGCCTCACTCTGAGAAGAGATTTACAAG
 GAAGAGTGTGGTGGCTTCTCAGGGTTTCCAAGCAGGGAACATTACTGGGAGGTGGACGTGGGACAAAAT
 GTAGGGTGGTATGTGGGAGTGTGTCGGGATGACGTAGACAGGGGAAGAACAATGTGACTTTGTCTCCCA
 ACAATGGGTATTGGGTCTCAGACTGACAACAGAACATTTGATTTTACATTCAATCCCCATTTTATCAG
 CCTCCCCCAGCACCCCTCCTACACGAGTAGGGGTCTTCTGGACTATGAGGGTGGGACCATCTCCTTC
 TTCAATACAAATGATCAGTCCCTTATTTATACCCTGCTGACATGTCAGTTTGAAGCTTGTGAGACCTT
 ATATCCAGCATGCGATGTATGACGAGGAAAAGGGGACTCCCATATTCATATGTCCAGTGTCTGGGGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG212236 representing NM_197975
 Red=Cloning site Green=Tags(s)

MAFVLIILVLSFYELVSGQWQVTGPGKQVQALVGEDAVFSCSLFPETSAEAMEVFRFRNQFHAVVHLYRDG
 EDWESKQMPQYRGRTEFVKDSIAGGRVSLRLKNITPSDIGLYGCFWSSQIYDEEATWELRVAALGSLPLI
 SIVGYVDGGIQLLCLSSGWFPQPTAKWKGPQGDLSDDSRANADGYSLYDVEISIIIVQENAGSILCSIHL
 AEQSHEVESKVLIGETFFQPSWRLASILLGLLGCALCGVVMGMIIVFFKSKGKIQAELDWRKKGQAE
 RDARKHAVEVTLDPETAHPKLCVSDLKTVTHRKAPQEVPHSEKRFTRKSVVASQGFQAGKHYWEVDVQON
 VGWYVGCRRDDVDRGKNNVTLSPNNGYVWLRLLTEHLYFTFNPHFISLPPSTPPTRVGVFLDYEGGTISF
 FNTNDQSLIYTLTLCQFEGLLRPYIQHAMYDEEKGTPIFICPVSWG

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_197975

ORF Size: 1398 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_197975.3](#)

RefSeq Size: 2398 bp

RefSeq ORF: 1401 bp

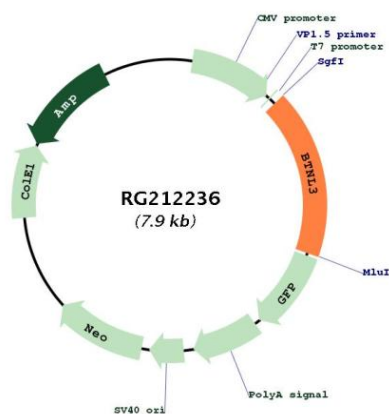
Locus ID: 10917

UniProt ID: [Q6UXE8](#)

Cytogenetics: 5q35.3

Protein Families: Druggable Genome, Transmembrane

Product images:



Circular map for RG212236