

Product datasheet for **SC215084**

BTN3A1 (NM_007048) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BTN3A1 (NM_007048) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BTN3A1
Synonyms:	BT3.1; BTF5; BTN3.1; CD277
ACCN:	NM_007048
Insert Size:	1546 bp



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Insert Sequence: >SC215084 3'UTR clone of NM_007048
 The sequence shown below is from the reference sequence of NM_007048. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCACGCGCCTGACTATTTGTCCAGCGTGAAGAAGAAGAGAGTTCTCCAATTCTGACCGAGTGCTG
ATCATTCCCTAGAGACACCAGTAACCCCGGCTTAGCTAACGAAAGTGGGAGCCTCAGGCTGAAGTAA
CTTTTCTGCTTCTCCCTGCCAGCTCAGAGCTGAGGGCCTCCCCCTCCACAGCAACCAATCACAAACC
ATAAAGCTACAAGCACGCACTGAAGCACTTTACTGATACTCATTCAATTATTCATATGACAGTTGTTTG
AGTTTGGTACCATCTTATTTTCCCTTATACAGATAAGGAAACTGGGGTGCAGAAAAGTGAATTGACTA
CAAAGTAGACATGACTAGTTAACACACAGCTGGGATCTAAACAGCAATAACTAACATTAATGGAGAAC
TAAAAATGCTCTGAGTGTGTATGAGCTTTGGTGGATGCTACTCCTTAATCCTCGCAACACCCTG
TCGGGTAGTCTCATTTAGCAAGTATGGAAGTTGAGGCAGGGCAACATTAAGCAACTTACATAACTCATG
CAGTAATTTCTGCAGTTGGGAGATGTTAGCTTACAGTCCCGGCCCTATGGCCGTTCTTTTCCACCCTG
TTTCTTCCCCCATAGGAAGAACCACCTGTAGCCCTGAGGTTCTTTTCCAGGATGGCTCCAGGATAAG
GATCACTGTAGGTGGTTGTGGAGTTGACACCCCTGTTGACTCCTTCCAGCTGATTGTCAGAGCCTTAG
ACCCAGCACGCCTTGATTAGCTCTGCAGAGTGTCTTGGTTGAGAGAATAACCTCACCGTACCCACATG
ACACGTGATTTGGAAAGAGACTAGAGGCCACACTTGATAAATCATGGGGAACAGATGTGTCCACCCAA
CAAATGTGATAAGTGATCATGCAGCCAGAGCCAGCCTTCTTCAATCAAGGTTTCCAGGCAGAGCAAAT
ACCTAGAGATTCTCTGTGATATAGGAAATTTGGATGAAGGGAGCTAGAAGAAATACAGGGATTTTTTTT
TTTTTTTAAGATGGAGTCTTACTCTGTTGCTAGGCTGGAGTGCAGTGGTGCAGTCTCAGCTCCCTGCA
ACCTCCACCTCCTGGGTTCAAACAATTCTCCTGCCTCAGCCTCCCGAGTACTGGGAATATAGGTGCACG
CCACCACACCAACAAATTTTTGTACTTTTAGTACAGATGAGGGTCACTATGTTGGCCAGGATGGTCT
CGATCTCTTGACCTCATGATCCACCCACCTCGGTCTCCCAAAGTCTGGGATTACAGGCTTGAGCCACC
GGGTGACCGGCTTACAGGGATATTTTTAATCCCGTTATGGACTCTGTCTCCAGGAGAGGGGTCTATCCA
CCCCTGCTCATTGGTGGATGTTAAACCAATATTCCTTTCAACTGCTGCCTGCTAGGGAAAACTACTCC
TCATTATCATATTATTGCTCTCCACTGTATCCCCTACCTGGCATGTGCTGTCAAGTTCTAGT
TGTTCAATAAATTTGTTAATAATGCTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_007048.6](#)

Summary: The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain. Three subfamilies of human BTN genes are located in the MHC class I region: the single-copy BTN1A1 gene (MIM 601610) and the BTN2 (e.g., BTN2A1; MIM 613590) and BTN3 (e.g., BNT3A1) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010 [PubMed 20208008]).[supplied by OMIM, Nov 2010]

Locus ID: 11119

MW: 58.3