

Product datasheet for **SC215083**

BTN3A1 (NM_001145008) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | BTN3A1 (NM_001145008) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | BTN3A1 |
| Synonyms: | BT3.1; BTF5; BTN3.1; CD277 |
| ACCN: | NM_001145008 |
| Insert Size: | 1546 bp |



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| | |
|---------------------------|---|
| Insert Sequence: | <p>>SC215083 3'UTR clone of NM_001145008 The sequence shown below is from the reference sequence of NM_001145008. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCACGCGCCTGACTATTTGTCCAGCGTGAAGAAGAAGAGAGTTCTCCAATTCTGACCGAGTGCTG ATCATTCCCTAGAGACACCAGTAACCCCGGCTTAGCTAACGAAAAGTGGGAGCCTCAGGCTGAAGTAA CTTTTCTGCTTCTCCCTGCCAGCTCAGAGCTGAGGGCCTCCCTCCACAGCAACCAATCACAACC ATAAAGCTACAAGCACGCACTGAAGCACTTTACTGATACTCATTCAATTATTCATATGACAGTTGTTTG AGTTTGGTACCATCTTATTTTCCCTTATACAGATAAGGAAACTGGGGTGCAGAAAAGTGAATTGACTA CAAAGTAGACATGACTAGTTAACACACAGCTGGGATCTAAACAGCAATAACTAACATTAATGGAGAAC TAAAAATGCTCTGAGTGTGTATGAGCTTTGGTGGATGCTACTCCTTAATCCTCGCAACACCCCTG TCGGGTAGTCTCATTTAGCAAGTATGGAAGTTGAGGCAGGGCAACATTAAGCAACTTACATAACTCATG CAGTAATTTCTGCAGTTGGGAGATGTTAGCTTCAAGTCCCGGCCCTATGGCCGTTCTTTTCCACCCCTG TTTCTTCCCCCATAGGAAGAACCACCTGTAGCCCTGAGGTTCTTTTCCAGGATGGCTCCAGGATAAG GATCACTGTAGGTGGTTGTGGAGTTGACACCCCTGTTGACTCCTTCCAGCTGATTGTCAGAGCCTTAG ACCCAGCACGCCTTGATTAGCTCTGCAGAGTGTCTTGGTTGAGAGAATAACCTCACCGTACCCACATG ACACGTGATTTGGAAAGAGACTAGAGGCCACACTTGATAAATCATGGGAAACAGATGTGTCCACCCAA CAAATGTGATAAGTGATCATGCAGCCAGAGCCAGCCTTCTTCAATCAAGGTTTCCAGGCAGAGCAAAT ACCTAGAGATTCTCTGTGATATAGGAAATTTGGATGAAGGGAGCTAGAAGAAATACAGGGATTTTTTTT TTTTTTTAAAGATGGAGTCTTACTCTGTTGCTAGGCTGGAGTGCAGTGGTGCAGTCTCAGTCCCTGCA ACCTCCACCTCCTGGGTTCAAACAATTCTCCTGCCTCAGCCTCCCGAGTACTGGGAATATAGGTGCACG CCACCACACCAACAAATTTTTGTACTTTTAGTACAGATGAGGGTCACTATGTTGGCCAGGATGGTCT CGATCTCTTGACCTCATGATCCACCCACCTCGGTCTCCCAAAGTCTGGGATTACAGGCTTGAGCCACC GGGTGACCGGCTTACAGGGATATTTTTAATCCCGTTATGGACTCTGTCTCCAGGAGAGGGGTCTATCCA CCCCTGCTCATTGGTGGATGTTAAACCAATATTCCTTTCAACTGCTGCCTGCTAGGGAAAACTACTCC TCATTATCATCATTATTGCTCTCCACTGTATCCCCTCTACCTGGCATGTGCTGTCAAGTTCTAGT TGTTCAATAAATTTGTTAATAATGCTGA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre> |
| Restriction Sites: | Sgfl-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_001145008.2 |

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