

## Product datasheet for **SC217033**

### **BTN2A2 (NM\_006995) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	BTN2A2 (NM_006995) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BTN2A2
Synonyms:	BT2.2; BTF2; BTN2.2
ACCN:	NM_006995
Insert Size:	1937 bp



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**Insert Sequence:** >SC217033 3'UTR clone of NM\_006995  
The sequence shown below is from the reference sequence of NM\_006995. 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
CACAGAGTGGGGACCCACCAGAGCCTAAGAAATCAATTCCTTGGACTCACAGCCATGCAGATAAGCCCT
GGCCATCTCAGCAGCCACCGCACAAACCCCTAATGAAAGACAGCCCTCTCCCTCTGGTCACGTAA
GAGAACATCTCCAGCTGCCTTTTACACCCACTCCAGCCCTCTGCCCCAGTTTCTCCTCCTACTA
GTCTGTGGCTTTAGTAGTTCCTTTGCTTGAATTATGGGATGGGATCCAGGCATAGGGAAGTGTGTT
TCATAGTCCCAGTCAAAAAGAAAGTGAGAGAAGCTGTTGGCAGCGAACCTACTGTTTAAATCAGGA
TAACCACATTAAGCCCAATATGCCAGTTGGCACCAGATGCTGTGGACTTGAATGAGGCCAACAGGGTT
CACCAGGATGAGAGAGGAGAGGAATCCACAGGACCACCAGAAGGGAGAGGGAACCAGATATGCAGAT
CAGAGATAGAGGAAGTGAACCCAGAGAGCTGGGAGGGACCAAGGTTGTAAGGATGGCTAAGTCCCACCA
TAAGAGCTAAAGGGTCTGGGAGATGATGGCTCATTTCCACCAACCCAGGATTTCCACAGCACACAC
CCACAGGCCTGGACCTGGGATGAAGATGAATGAAGAACATGGACTCATGTGGATGTGGTTTGGCTCAGA
TGTCCCTGCAATAAACAAGGGTCACTTAGTCCCTGAGTGTGGTTGAGGTTTGGGCTCTGGTTCGA
GCAGGGCAGTACTGGACCAGGTCTACGTGAGCATTAGGTTCAATGGGGACACCAGTGGCTTCAAACCT
CCTGATCTAATTATGTTTTAGACACTTAGAAGTATTGAGGACTTTAAAGAGCTTTTGTATTATTTGGG
TTAATATTTATGACATTTGACATTGAAACAAAAATTTAAATGTTATCTTTAATTTATGTTAAATAG
CATTAATAAATCAGTTATAGGTTAATGTAGATAGGATGTTTTGTGAAAAAGCAATCTATTGTGTCCAAA
TAAAAAACAAAAAGTGTGACACTGGTTAACTTTTCCAGATCTCATGTCTGGCTTAATAAGAGATATT
TGATTATCATATCTGCCTTTGTATTAACCTATTGGTATATCATAGGTCATGTTAGCTCAAAAAACT
TACTGCACACTACTGAGAGAATGAGATGAAAAACGATTAATGTTTCATTATTATTATTGTGAAAAATAT
TATTAACACTGGGGACTCCTTAAGAGTACATCAGAGTTCTCTAGGAATCCAAAACCACATTTTGAA
ACTAGAATAGTGGATCCTGGAAGTTAATCCATGTGCTGGTTAATTTTAGATGTCAACCTGACTGGATTA
AGGAATACCTAGACAGCTGGTACAACATTATTTCTGGGTGTGCTGTGAGTGTGTTCCAGAAGAGATT
GGCAAGTGAAGTCAAGTGGGAAATCTCTCCTTCTGTTGGCTGGGTGCCAATAACAACAAAAAGGCAGAGG
AAAGGCAAAATTTCTCTCCTCTGGAGCTGAGACACTCTTCTTCTCTGCCCTTGGACATCAGAACTCC
TGCTCTCCGGCCTTTGAACTTCAAGACTGTACCAGGAGGCCCTGGGTTCTCAGGCCTTTGGCTTTGG
ACTGAGAGTTACACAATCAGCTTCCCTGTTCTGAGGCTTTCAGACTTAACTGAGCCATGCTACCAGC
ATCCCAGGGTCTCCAGCCTACAGATGAGCTGTTGTGCGATTTCTAGCCTCCATAATCACATGAGCCAA
TCTCCTAATAAATGCCTGCTCATAGATCTGTATCTACATCTATATCTGTATGTGCATCTATATCTATG
CCTATATCTATATCTATATCATATTGATTTGTCTCTCTGGAGAACCCTGACTAATAAATGAGGCATC
TAAAA
ACGCGTAAGCGGCCCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_006995.5](#)

**Summary:** Butyrophilin is the major protein associated with fat droplets in the milk. This gene is a member of the BTN2 subfamily of genes, which encode proteins belonging to the butyrophilin protein family. The gene is located in a cluster on chromosome 6, consisting of seven genes belonging to the expanding B7/butyrophilin-like group, a subset of the immunoglobulin gene superfamily. The encoded protein is a type I receptor glycoprotein involved in lipid, fatty-acid and sterol metabolism. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2010]

**Locus ID:** 10385

**MW:** 72.4