

Product datasheet for **SC217008**

BTN2A2 (NM_181531) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BTN2A2 (NM_181531) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BTN2A2
Synonyms:	BT2.2; BTF2; BTN2.2
ACCN:	NM_181531
Insert Size:	1937 bp



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Insert Sequence:

>SC217008 3'UTR clone of NM_181531

The sequence shown below is from the reference sequence of NM_181531. 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
CACAGAGTGGGGACCCACCAGAGCCTATAGAAATCAATTCCTTGGACTCACAGCCATGCAGATAAGCCCT
GGCCATCTCAGCAGCCACCGCACAAACCCCTAATGAAAGACAGCCCTCTCCCTCTGGTCACGTAA
GAGAACATCTCCAGCTGCCTTTTACACCCACTCCAGCCCTCTGCCCCAGTTTCTCCTCCTACTA
GTCTGTGGCTTTAGTAGTTCTTTGCTTGAATTATGGGATGGGATCCAGGCATAGGGAAGTGTGTT
TCATAGTCCCAGTCAAAAAGAAAGTGAGAGAAGCTGTTGGCAGCGAACCTACTGTTTAAATCAGGA
TAACCACATTAAGCCCAATATGCCAGTTGGCACCAGATGCTGTGGACTTGAATGAGGCCAACAGGGTT
CACCAGGATGAGAGAGGAGAGGAATCCACAGGACCACCAGAAGGGAGAGGGAACCAGATATGCAGAT
CAGAGATAGAGGAAGTGAACCCAGAGAGCTGGGAGGGACCAAGGTTGTAAGGATGGCTAAGTCCCACCA
TAAGAGCTAAAGGGTCTGGGAGATGATGGCTCATTTCCACCAACCCAGGATTTCCACAGCACACAC
CCACAGGCTGGACCTGGGATGAAGATGAATGAAGAACATGGACTCATGTGGATGTGGTTTGGCTCAGA
TGTCCCTGCAATAACAAGGGTCACTTAGTCCCTGAGTGTGGTTGAGGTTTGGGCTCTGGTTCGA
GCAGGGCAGTACTGGACCAGGTCTACGTGAGCATTAGGTTCAATGGGGACACCAGTGGCTTCAAATT
CCTGATCTAATTATGTTTTAGACACTTAGAAGTATTGAGGACTTTAAAGAGCTTTTGTATTATTTGGG
TTAATATTTATGACATTTGACATTGAAACAAAAATTTAAATGTTATCTTTAATTTATGTTAAATAG
CATTAATAAATCAGTTATAGGTTAATGTAGATAGGATGTTTTGTGAAAAAGCAATCTATTGTGTCCAAA
TAAAAAACAAAAAGTGTGACACTGGTTAACTTTTCCAGATCTCATGTCTGGCTTAATAAGAGATATT
TGTTTTATCATATCTGCCTTTGTATTAACCTATTGGTATATCATAGGTCATGTTAGCTCAAAAAACT
TACTGCACACTACTGAGAGAATGAGATGAAAAACGATTAATGTTTCATTATTATTATTGTGAAAAATAT
TATTAACACTGGGGACTCCTTAAGAGTACATCAGAGTTCTCTAGGAATCCAAAACCACATTTTGAA
ACTAGAATAGTGGATCCTGGAAGTTAATCCATGTGCTGGTTAATTTTAGATGTCAACCTGACTGGATTA
AGGAATACCTAGACAGCTGGTACAACATTATTTCTGGGTGTGCTGTGAGTGTGTTCCAGAAGAGATT
GGCAAGTGAAGTCAAGTGGGAAATCTCTCCTTCTGTTGGCTGGGTGCCAATAACAACAAAAAGGCAGAGG
AAAGGCAAATTTCTCTCCTCTGGAGCTGAGACACTCTTCTTCTCTGCCCTTGGACATCAGAACTCC
TGCTCTCCGGCCTTTGAACTTCAAGACTGTACCAGGAGGCCCTGGGTTCTCAGGCCTTTGGCTTTGG
ACTGAGAGTTACACAATCAGCTTCCCTGTTCTGAGGCTTTCAGACTTAACTGAGCCATGCTACCAGC
ATCCCAGGCTCTCCAGCCTACAGATGAGCTGTTGTGCGATTTCTAGCCTCCATAATCACATGAGCCAA
TCTCCTAATAAATGCCTGCTCATAGATCTGTATCTACATCTATATCTGTATGTGCATCTATATCTATG
CCTATATCTATATCTATATCATATTGATTTGTCTCTCTGGAGAACCCTGACTAATAAATGAGGCATC
TAAAA
ACGCGTAAGCGGCCCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-Mlul

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_181531.3](#)

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