

## Product datasheet for **SC217138**

### **UBE3B (NM\_130466) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	UBE3B (NM_130466) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	UBE3B
Synonyms:	BPIDS; KOS
ACCN:	NM_130466
Insert Size:	1950 bp



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**Insert Sequence:**

>SC217138 3'UTR clone of NM\_130466

The sequence shown below is from the reference sequence of NM\_130466. 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
AGCATGAACACGGGCTTTGAACTCTCCAGCTCCTGTCCCAGCCCTGCCTCCAGGGCTCCTGGGCTGCC
AGGGACCTTCAGCTCCCAGAGGCAAGTGTGGTCTGGGAATGTGACCAACATGCCAGGTGACATTGGCCC
CTAGACCTCTCTATAGCCATGAGACTCCTTGTGGCTCAAGAAATTTAGACGCCACGACAGCACTAC
ACAGCATCTCCAGGTGATGCCAAAGGCACAGGGCTGCAGAAAATAAACCTCCAGATTCCACCAACACGG
GTCCATTCTTCTGGTGTGGCAGAGGGGCTTCTTTTAGCTAGTTTGATCTTTGGGAGTCTGTCTTTC
CTTAGCCGTCTGAGTGAGCTGTGTATGAACAAGTCCCAGGAGTCCAAGAGTCTAGAGTGGTTTTGCA
GCATGGGTTGAGTGTACAAAGCCTACTGTGCGTGAGATCTCCTTCCGTTTCTGAAATCTCTTACTC
AGGTAAGGCCTCGCAAGCCTCTATGCACCCACAAAGTTTCTGCCTCCATGCCCTCCACAGCGCCTCT
TCCCAGACAGCCAGGCCATCTGCTGCCAGGGAAGCGCAGGCGCCTGCTAGGGACGCTATGGACACCG
TGAGTCCAAGGCCTGCTCCTGCCTTGAAGCCACGCGCTCCACGCCGCGGCCCTCCATTTTCTGCGTC
CTCAGCGGGCTGAGCTGCCAGAGAGTCTTCCCGGACCTATTCCCGTCTTATGCATTACATTGGCATCC
TGGTTTGGGGGAAGAAAAACAACGGCCCTTAGCAGCAGCCCCGTTCCAGAATGTGCTGCCTGTTCCCC
AAAGCCTGCTTGTCCCGGAGGACGGCTGCCTTTGACCTGCTATTTGTCTACTGGTTATCTAATG
AGGAACAAACACTAACCTAAGGTACACATCCCATCTGGGCGGTGGCTTCACTCCTGAGTGTCAAATC
CCAGGAAACTTGGGTCTTGTGCCCCATCCTTCTCAGCACAGGGAACCCGGAAGCCGTTGCACTGACA
GAGGCTCACACCCTCTGGGTTTTTTTTTTTTTTTTTAAACTTCATTTCTTCCAACCCATTGTGTTCC
TCTGCCCTCATTCTTTACCTTTGTTGTAAGAACTTTAGCTCCAGGGAAGTGAAGCAGAGGCCCTGTTTG
TGGTCTGTGTTGACAGCCACCCACCTCTCCACCTCATGCTCCTGCACCTGCACCACCAAGGTTGATG
CCGGATTGCAAGCCAGGAAGGCCAGTCCCTCCTCTGCTCCTCAAAGACGCAAAACATTTTCCAACA
AGAGCTGTACAGTGGCAGCAAAGCAGGGGCCACCCGTCTCCACAGTCTTCCAGAGTTTCCAGCTGCATC
CTGGTGTCCACCCAGGTCGAGCCCCAGGCTTCTGAAAAGAGTGTGTGCTCTACTTTGATGAAAACA
TGGCAAGGAATTTAAAGACAGGAATGTATTAATATTATTGAAGGTGTGTTGTAACCTCTGATTCTGTG
GACTTGCCACTTTCTCAAACGCTCGGTTCTTTGAAGATTTCTTCTGAACGTGTGTGCGCACGCTGGG
CGGTTTCTGTGCATACATGCGGGGACCCAGACTGTCAGCACAGGGAAGATGGATCCCATCCTAATTTT
ATCACCTGAAGGTTGAAACCAAGTGAAGGACTGGGAGAGAGTGATTATAAGCACCAATATCAACTTCAT
GTGGATTTTTGACAAGGAGGGGTAGTTTGTAAATTCATTTAAATTTCTTTTTCAGCAGCTGGAATATTGC
ACTATCTGAAACACTGAATCTCCTTTTGTAACTGGTGTCTACTGACACCTTGATGGCTCTTGATGGCTC
TAAAAAGTTGTAGGATTTTTGTTTTTGTAGCTAACTTATGGATTGAGATGTGATCAAAGGCTTTATTA
AATTTGTACTTCAGCATA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
```

**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\\_130466.4](#)

**Summary:**

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: E1 ubiquitin-activating enzymes, E2 ubiquitin-conjugating enzymes, and E3 ubiquitin-protein ligases. This gene encodes a member of the E3 ubiquitin-conjugating enzyme family which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme and transfers the ubiquitin to the targeted substrates. A HECT (homology to E6-AP C-terminus) domain in the C-terminus of the longer isoform of this protein is the catalytic site of ubiquitin transfer and forms a complex with E2 conjugases. Shorter isoforms of this protein which lack the C-terminal HECT domain are therefore unlikely to bind E2 enzymes. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2012]

**Locus ID:**

89910

**MW:**

72.9