

## Product datasheet for **SC215794**

### UBE2D2 (NM\_181838) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	UBE2D2 (NM_181838) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	UBE2D2
Synonyms:	E2(17)KB2; PUBC1; UBC4; UBC4/5; UBCH4; UBCH5B
ACCN:	NM_181838
Insert Size:	1663 bp



[View online »](#)

**Insert Sequence:**

>SC215794 3'UTR clone of NM\_181838

The sequence shown below is from the reference sequence of NM\_181838. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGAATGGACTCAGAAGTATGCGATGTAATTAAGAAATTATTGGATAACCTCTACAAATAAAGATAG
GGGAACCTGAAAAGAGAAAGTCCTTTTGTATTTCCATTTGACTGCTTTCTATGAGCCACGCTCATCTT
CCCCTGTGCACATGTTTACCTGATACAGCAGTGTGCGTGTGTACATACTTGGAAACAACAACTAGAA
ATACTGTACTTCTGTACCAACATTGCCTCCTAGCAGAGAAGTGTGTGTGACAAGCCAGTTCTACAGG
CATTACCTAGGTGTGAGACTAAAAGCTTTTCTTATTGACTTAAATTTGGATAACAGCAAGGTGTGAGGG
GGGTGGTGGGTATGGTGTGTGCTTGGATGGGAAAGAAAAGGCTCCACTCACCTATAGGAGATTATTTTT
AAGTGGAAATCCATTTAACTCAAACAGTTATGAAAAGCAAGGTGAAGAACATGAAGCTGTGTCTGTAT
TCATTTTATTCGAAGGAGCTACGTCTTAGGTGAAAGTTATGACCAACCAGATTAAGCTCTACCCACAT
CCTGCATTTTAAAGTCTAAGTTTAACTGGTCAACATTTAATGGATTGGAGCTATTAGTACATCAAGTG
TGATGGGCTTTGTTCCCAACTCTTTTACATCTCCCTACCCCTTCAACCTTTGGCCTTTCAGCCCTCTT
TCTCTCTCCATATTCTTTGGTTTGTATGTGGTTTCTCAGTTAATACATAGCTAATAGCTTATTTTT
CTTATGTTTTTAAACCGCTTAGGTCTATTTGGATGTAAGGGTGAAAATTCATTTGATGGAAATACTTGTG
TATATTTAAAGACCCAATTGCTCCTCTGGAGCTTGTACTTTCAAGAATGATTAATCTGTGTAATAAACT
GGTTACTACAGTCATTACATAAATTTGTGTGAATAGGCTTTTTTCAATTTTAAAGAGTTTGTCTAGT
GAGATTAGTGGTGGATTTTCTCCACTTCTGAAATGTTTACTTTAATGTTGATTTTAAAGATCATGA
AACAAATCCAGTTACATTGTA AAAAGGATATCTTACGAGTAATTTTATTGAACAAGTTAGAGGCATAAG
CTTAAGAGCATTTCATGAAACAACACATGCAGCATTCCAGGAACCTTGATTGTTAAATTCATAAGAAA
TTTGCTTTATTAATGAACTAAGCTGCATTTTATCAAAAACCTTGTGACATTCCCTTGGTACATAGGACA
TAAACACAGAGGCATTGCTATTTGGTAAGTTAAGCTTCTGTGATTGTAATTATAAAAAGGACAACATTG
ACCAAACCTGGGAAACAAGAGCACAGTCTTGTGTTGGAGAGTCTACATAATTACTTTGCACTAACATTTG
CAGGATGTTACACAATTTTAAATTGACTGTATGTGGCTTTTTGAAAGTCTTCCCTTGACCCTAGTAAA
ATATAGCTTGAACTTGTAAACAACCTGTGTTGCCAGAAACATCATTGATGTAAGTGGCAAGTTACC
TTTTTCCCCCTTCTTTTCTAATTGTAAGTCTAGGCAACCTGAAAGCCATGGCTGATGCTCTAGCCA
TCAGGTTCTTTCAAATGCATCTTACACTCTTGACAAAAAGTTAAGGAATAAATGTCCTACTGCTTTTGG
TTTTAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
```

**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\\_181838.2](#)

**Summary:** Regulated degradation of misfolded, damaged or short-lived proteins in eukaryotes occurs via the ubiquitin (Ub)-proteasome system (UPS). An integral part of the UPS system is the ubiquitination of target proteins and covalent linkage of Ub-containing proteins to form polymeric chains, marking them as targets for 26S proteasome-mediated degradation. Ubiquitination of proteins is mediated by a cascade of enzymes which includes E1 (ubiquitin activating), E2 (ubiquitin conjugating), and E3 (ubiquitin ligases) enzymes. This gene encodes a member of the E2 enzyme family. Substrates of this enzyme include the tumor suppressor protein p53 and peroxisomal biogenesis factor 5 (PEX5). Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]

**Locus ID:** 7322

**MW:** 64.1