

Product datasheet for **SC215793**

UBE2D2 (NM_003339) Human 3' UTR Clone

Product data:

| | |
|---------------|---|
| Product Type: | 3' UTR Clones |
| Product Name: | UBE2D2 (NM_003339) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | UBE2D2 |
| Synonyms: | E2(17)KB2; PUBC1; UBC4; UBC4/5; UBCH4; UBCH5B |
| ACCN: | NM_003339 |
| Insert Size: | 1663 bp |



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Insert Sequence: >SC215793 3'UTR clone of NM_003339
 The sequence shown below is from the reference sequence of NM_003339. 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
CGGAATGGACTCAGAAGTATGCGATGTAATTAAGAAATTATTGGATAACCTCTACAAATAAAGATAG
GGAACTCTGAAAGAGAAAGTCCTTTTGTATTTCCATTTGACTGCTTTCTATGAGCCACGCTCATCTT
CCCCTGTGCACATGTTTACCTGATACAGCAGTGTGCGTGTGTACATACTTGGAAACAACAACTAGAA
ATACTGTACTTCTGTACCAACATTGCCTCCTAGCAGAGAAGTGTGTGTGACAAGCCAGTTCTACAGG
CATTACCTAGGTGTGAGACTAAAAGCTTTTCTTATTGACTTAAATTTGGATAACAGCAAGGTGTGAGGG
GGGTGGTGGGTATGGTGTGTGCTTGGATGGGAAAGAAAAGGCTCCACTCACCTATAGGAGATTATTTTT
AAGTGGAAATCCATTTAACTCAAACAGTTATGAAAAGCAAGGTGAAGAACATGAAGCTGTGTCTGTAT
TCATTTTATTCGAAGGAGCTACGTCTTAGGTGAAAGTTATGACCAACCAGATTAAGCTCTACCCACAT
CCTGCATTTTAAAGTCTAAGTTTAACTGGTCAACATTTAATGGATTGGAGCTATTAGTACATCAAGTG
TGATGGGCTTTGTTCCCAACTCTTTTACATCTCCCTACCCCTTCAACCTTTGGCCTTTACGCCCTCTT
TCTCTCTCCATATTCTTTGGTTTGTATGTGGTTTCTCAGTTAATACATAGCTAATAGCTCTTATTTTT
CTTATGTTTTTAAACCGCTTAGGTCTATTTGGATGTAAGGGTGAAAATTCATTTGATGGAAATACTTGTG
TATATTTAAAGACCAATTGCTCCTCTGGAGCTTGTACTTTCAAGAATGATTAATCTGTGTAATAAACT
GGTTACTACAGTCATTACATAAATTTGTGTGAATAGGCTTTTTTCAATTTTAAAGAGTTTGTCTAGT
GAGATTAGTGGTGGATTTTCTCCACTTCTGAAATGTTTCAATTTACTGGTTGCATTTTAAAGATCATGA
AACAAATCCAGTTACATTGTA AAAAGGATATCTTACGAGTAATTTTATTGAACAAGTTAGAGGCATAAG
CTTAAGAGCATTTCATGAAACAACACATGCAGCATTCCAGGAACCTTGATTGTTAAATTCATAAAGAAA
TTTGCTTTATTAATGAACTAAGCTGCATTTTATCAAAAACCTTGTGACATTCCCTTGGTACATAGGACA
TAAACACAGAGGCATTGCTATTTGGTAAGTTAAGCTTCTGTGATTGTAATTATAAAAAGGACAACATTG
ACCAAACCTGGGAAACAAGAGCACAGTCTTGTGTTGGAGAGTCTACATAATTACTTTGCACTAACATTTG
CAGGATGTTACACAATTTTAAATTGACTGTATGTGGCTTTTTGAAAGTCTTCCCTTGACCCTAGTAAA
ATATAGCTTGAACTTGTAAACAACCTGTGTTGCCAGAAACATCATTGATGTAAGTCAAGTACC
TTTTTCCCCCTTCTTTTCTAATTGTAAGTCTAGCCAACTGAAAGCCATGGCTGATGCTCTAGCCA
TCAGGTTCTTTCAAATGCATCTTACACTTGCACAAAAGTTAAGGAATAAATGCCACTGCTTTTGG
TTTTAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_003339.3](#)

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