

Product datasheet for **SC209291**

UBE1C (UBA3) (NM_003968) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	UBE1C (UBA3) (NM_003968) Human 3' UTR Clone
Symbol:	UBE1C
Synonyms:	hUBA3; NAE2; UBE1C
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003968
Insert Size:	737 bp
Insert Sequence:	>SC209291 3'UTR clone of NM_003968 The sequence shown below is from the reference sequence of NM_003968. 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
GTAATACTCAAACCTTCATTTTACTTCTTAAGGAAAATCTCCACATAATAGAAAACATGGAAATAATA
TACTTTGTGGATGCTAAGAAGTTGAATCGATGTCATTTTTAGCAATAGTGTGCCACGATTTGTCTTTT
TTATATAATGAACCACTCTTTTTAACTTTGTAACCTTCCCTTGAAGACAGAATTTGGTGTGGTGC
TTGTAAGCATTTTCATTAATAATATGAGAAATGATACCTGGAGAGAGAGATTATGAGCAAATGTATTGC
TTCTTTTAGAGGAGGAAGCATAACAACCTCTTTGTGTGAATTTTGTATTATGGTCAAAGAATGCATTC
CTAAGTTTTTCATTTGAGTACCCAAATACACAAAAGGTGTCCTTTAAGGAAAATAAAGAATTAAGTTTT
AAATAACATTACATTTTACAATCTGACATCTGGAGTATATTGAACATAGGCTATTTCTTGATATAACAC
TCATTTAATTGTGGCCATCCAAATGAATATTATTGCAGAAATTTATCTTGTTCATAATGATTTGTAATG
GTGTTATAGCTGAATACCTGTGCATGAAAATGGCAATATTTTCATCTGTTTACTTGTAGTGCCATAGA
GGCCAATATGCACAATATTAATAATGCAAGACATGGCTGTTTTAAAAATTTAATGTTCAAACAGTTA
TCACTGATGCTTTTGCATATTTATTAATAAAAATCATATATTGTGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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:	<u>NM_003968.4</u>
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: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme associates with AppBp1, an amyloid beta precursor protein binding protein, to form a heterodimer, and then the enzyme complex activates NEDD8, a ubiquitin-like protein, which regulates cell division, signaling and embryogenesis. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	9039
MW:	29.4