

Product datasheet for SC209290

UBE1C (UBA3) (NM_198195) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	UBE1C (UBA3) (NM_198195) Human 3' UTR Clone
Symbol:	UBE1C
Synonyms:	hUBA3; NAE2; UBE1C
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_198195
Insert Size:	737 bp
Insert Sequence:	>SC209290 3'UTR clone of NM_198195 The sequence shown below is from the reference sequence of NM_198195. 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
TTTATATAATGAACCACTCTTTTTTAACCTTTGTAACCTTCCCTTGAAGACAGAATTTGGTGTGGTGC
TTGTAAGCATTTCATTAATAATATGAGAAATGATACCTGGAGAGAGAGATTATGAGCAAATGTATTGC
TTCTTTTAGAGGAGGAAGCATAACAACCTCTTTTGTGTGAATTTTGTATTATGGTCAAAGAATGCATTC
CTAAGTTTTTCATTTGAGTACCCAAATACACAAAAGGTGTCCCTTTAAGGAAAATAAAGAATTAAGTTTT
AAATAACATTACATTTTACAATCTGACATCTGGAGTATATTGAACATAGGCTATTTCTTGATATAACAC
TCATTTAATTGTGGCCATCCAAATGAATATTATTGCAGATTTATCTTGTTCATAATGATTTGTAATG
GTGTTATAGCTGAATACCTGTGCATGAAAATGGCAATATTTTCATCTGTTTACTTGTAGTGCCATAGA
GGCCAATATGCACAATATTAACATAATGCCAAGACATGGCTGTTTTAAAAATTTAATGTTCAAACAGTTA
TCACTGATGCTTTTGCATATTTATTAATAAAAATCATATATTGTGTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG
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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:	NM_198195.2
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