

Product datasheet for **SC216902**

UBE3A (NM_130838) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	UBE3A (NM_130838) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	UBE3A
Synonyms:	ANCR; AS; E6-AP; EPVE6AP; HPVE6A
ACCN:	NM_130838
Insert Size:	1905 bp



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Insert Sequence: >SC216902 3' UTR clone of NM_130838
 The sequence shown below is from the reference sequence of NM_130838. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CCATCAGTATGCCAAAGGATTTGGCATGCTGT**AAA**ACAAAACAAAACAAAATAAAACAAAAAAGGAA
 GGAAAAAAGAAAAATTTAAAAATTTAAAAATATAACGAGGGATAAAATTTTGGTGGTGATAGT
 TCCAGTACAAAAAGGCTGTAAGATAGTCAACCACAGTAGTCACCTATGTCTGTGCCCTCCTTTATT
 GGGGACATGTGGGCTGGAACAGCAGATTTACAGTACATATATGAACAAATCCTTTATTATTATAATT
 ATTTTTTGCCTGAAAGTGTACATATTCTTTCACTTGTATGTACAGAGAGGTTTTCTGAATATTTATT
 TTAAGGGTTAAATCAGTTTGTGTGTTTACTGCTTGAGGTTGAGCCTTTTGAATTTAAAAAAT
 ATATACCAACAGAACTACTCTCCAAGGAAAATATTGCCACCATTTGTAGACCAGTAACCTTCAAGTAT
 GTGCTACTTTTTGTCCCTGTATCTAACTCAAATCAGGAACTGTATTTTTTTAATGATTTGCTTTTGAA
 ACTTGAAGTCTTGAAAACAGTGTGATGCAATTACTGCTGTTCTAGCCCCAAAGAGTTTTCTGTGCAAAA
 TCTTGAGAATCAATCAATAAAGAAAGATGGAAGGAAGGGAGAAATGGAATGTTTTAACTGCAGCCCTCA
 GAACCTTAGTAACAGCACAACAAAATTAACAAAAACAACTCATGCCACAGTATGTCGTCTTCAATGTGT
 CTTGCAATGAAGTGTTCAGTAGCCAATCCTCTTTCTTAGTATATGAAAGGACAGGGATTTTTGTTCTTG
 TTGTTCTCGTTGTTGTTTAAAGTTTACTGGGAAAGTGCAATTTGGCCAAATGAAATGGTAGTCAAGCCTA
 TTGCAACAAAGTTAGGAAGTTTGTGTTGTTTATTATAAACAAAAAGCATGTGAAAGTGCACCTTAAGAT
 AGAGTTTTTAAATTACTTACTTATTACCTAGATTTTTAAATAGACAATCCAAAGTCTCCCCTTCTGTT
 GCCATCATCTTGTGAATCAGCCATTTTATCGAGGCACGTGATCAGTGTGCAACATAATGAAAAAGATG
 GCTACTGTGCCTTGTGTTACTTAATCATACAGTAAGCTGACCTGAAATGAATGAACTATTACTCCTAA
 GAATTACATTGTATAGCCCCACAGATTAATTTAATTAATTAATTCAAAACATGTTAAACGTTACTTTCA
 TGTACTATGGAAGTACAAGTAGGTTTACATTACTGATTTCCAGAAGTAAGTAGTTTCCCCTTCTCTAG
 TCTTCTGTGATGTGATGTTGTTAATTTCTTTTATTGCATTATAAAAATAAAGGATTATGATTTTTTAAC
 TAAGGTGAGACATTGATATATCCTTTTGTACAAGCTATAGCTAATGTGCTGAGCTTGTGCCCTGGTGAT
 TGATTGATTGACTGATTGTTTTAACTGATTACTGTAGATCAACCTGATGATTTGTTGTTTGAAT
 TGGCAGGAAAAATGCAGCTTTCAAATCATTGGGGGAGAAAAAGGATGTCTTTCAGGATTATTTAATTA
 ATTTTTTTCATAATTGAGACAGAACTGTTTGTATGTACCATAATGCTAAATAAACTGTGGCAGCTTTTC
 ACCATAATTTAATTTAGTGGAAAAAGAAGACAATGCTTTCCATATTGTGATAAGGTAACATGGGGTTTTT
 CTGGGCCAGCCTTTAGAACACTGTTAGGGTACATACGCTACCTTGATGAAAGGGACCTTCGTGCAACTGT
 AGTCATCTTAAAGGCTTCTCATCCACTGTGCTTCTTAATGTGTAATTAAGTGAGGAGAAATTAATACT
 CTGAGGGCGTTTTAT

ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG

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_130838.1](#)

Summary:

This gene encodes an E3 ubiquitin-protein ligase, part of the ubiquitin protein degradation system. This imprinted gene is maternally expressed in brain and biallelically expressed in other tissues. Maternally inherited deletion of this gene causes Angelman Syndrome, characterized by severe motor and intellectual retardation, ataxia, hypotonia, epilepsy, absence of speech, and characteristic facies. The protein also interacts with the E6 protein of human papillomavirus types 16 and 18, resulting in ubiquitination and proteolysis of tumor protein p53. Alternative splicing of this gene results in three transcript variants encoding three isoforms with different N-termini. Additional transcript variants have been described, but their full length nature has not been determined. [provided by RefSeq, Jul 2008]

Locus ID:

7337