

Product datasheet for SC111050

UBE2N (NM_003348) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2N (NM_003348) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2N
Synonyms:	HEL-S-71; UBC13; UbcH-ben; UbcH13; UBCHBEN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_003348 edited GAATTCGGCACGAGGGTTCTGACAAGATGGCCGGGCTGCCCGCAGGATCATCAAGGAAA CCCAGCGTTTGTGGCAGAACCAGTTCTGGCATCAAAGCCGAACCAGATGAGAGCAACG CCCGTTATTTTCATGTGGTCATTGCTGGCCCTCAGGATCCCCCTTTGAGGGAGGGACTT TTAAACTGAACTATTCCTTCCAGAAGAATACCCAATGGCAGCCCTAAAGTACGTTTCA TGACCAAATTTATCATCCTAATGTAGACAAGTTGGGAAGAATATGTTTAGATATTTGA AAGATAAGTGGTCCCAGCACTGCAGATCCGCACAGTTCTGCTATCGATCCAGGCCTTGT TAAGTGTCCCAATCCAGATGATCCATTAGCAAATGATGTAGCGGAGCAGTGGAAGACCA ACGAAGCCCAAGCCATAGAAACAGCTAGAGCATGGACTAGGCTATATGCCATGAATAATA TTTAAATTGATACGATCATCAAGTGTGCATCACTTCTCCTGTTCTGCCAAGACTTCCTCC TCTTTGTTTGCATTTAATGGACACAGTCTTAGAAACATTACAGAATAAAAAAGCCAGAC ATCTTCAGTCCTTTGGTGATTAATGCACATTAGCAAATCTATGTCTTGTGXXXXXXXXXX XXXXXCTCGAC



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003348 unedited
 TTAGATTTTGTAAACGACTTATATAGGCGGCCGACGAATTCGCACGAGGGTTCTGACAAG
 ATGGCCGGGCTGCCCCGAGGATCATCAAGGAAACCCAGCGTTTCTGGCAGAACCAGTT
 CCTGGCATCAAAGCCGAACCAGATGAGAGCAACGCCCGTTATTTTCATGTGGTCATTGCT
 GGCCCTCAGGATCCCCCTTTGAGGGAGGGACTTTAACTTGAATATTCTTCCAGAA
 GAATACCCAATGGCAGCCCTAAAGTACGTTTCATGACCAAAATTTATCATCCTAATGTA
 GACAAGTTGGGAAGAATATGTTTAGATATTTTGAAGATAAGTGGTCCCCAGCACTGCAG
 ATCCGCACAGTTCTGCTATCGATCCAGGCCTTGTTAAGTGCTCCAATCCAGATGATCCA
 TTAGCAAATGATGTAGCGGAGCAGTGGAAGACCAACGAAGCCCAAGCCATAGAAACAGCT
 AGAGCATGGACTAGGCTATATGCCATGAATAATTTAAATTGATACGATCATCAAGTGT
 GCATCACTTCTCCTGTTCTGCCAAGACTTCTCCTCTTTGTTGATTTAATGGACACAG
 TCTTAGAAACATTACAGAATAAAAAAGCCAGACATCTCAGTCTTTGGTGATTAATG
 CACATTAGCAAATCTATGTCTTGTCTGATTCACTGTCATANAGCATGAGCAGAGGCTAG
 AAGTATCATCTGGATTGNTGTGAAAACGTTAAAGCAGTGGCCCTCCCTGCTTTTATTCA
 TTTCCCCATCCTGGTTAAGTATAAAGCACTGTGAATGAAAGTAGTTGTCAGGTTAGCT
 GCAAGNGTGTGGNNGTNTTATTTAATTTATTTTATTTAATTTTGGAGGGGGAGTAGTT
 ATATTTAAGGGCCCTTTCCCTTTTTGGGN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003348 unedited
 GGCAACTTCCAGGGCCAGGAATAGCACTGGGGAGGGTCCACAGGGATGCCACCCGGAT
 CTGTTCCAGGAAACAGCTATGACCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTT
 TTTAGAATAACAAAAATTTTTACTAAACATAAAGATTTACAGAAGTTTCCAGACAAGC
 CATAAAAATGGTCACAAGCTTTTTTTGAAAGGGGGAATCTACACTTGACAGCAATGTTA
 TTAGTGAGGGCTGTGATGTTTGAATGTTCCATTTTGGTTCCAACAATCAAGCTTGT
 CCATCTACAGCGCTAAATAAAGTTAGACTTGGCTAGAGCATATTCTAAAGACCTGGTTA
 GCTGCTTTAACCAATGCAATTAGATCACCAAAAAAGGGGAAAGGAGCCATAAAATTA
 AACTACCTCCCCCTCAAAAATAAAATAAAATAAAATAAAATAAAACACCCACACCCCT
 GCAGCTAACCTGACAACCTTCACTTACAGTGTCTTATACTTAAACAGGATGGGGGA
 AATGAATAAAAGCAGGGAGGGCCACTGCTTTTAAACGTTTCAACAATCCAGATGATA
 CTTCTAGCCTCTGCTCATGCTTTATGACAGTGAATCAGGACAAGACATAGATTTGCTAAT
 GTGCATTTAATCACCAAAGGACTGAAGATGTCTGGGCTTTTTTATTCTGTAATGTTTCTA
 AGACTGTGTCCATTAATGCAAACAAGAGGNAGGAAGTCTTGGCAGACAGGNAGAGTGA
 TGCCACTTNGATGATCGTATCATTTAAATATATCATGCATATAGCCTAGTCCATGCTCTA
 CTGTTCTATGGCTGGGGTCNNTTGGTCTTCACTGCTCGCTACATATTG

Restriction Sites:

NotI-NotI

ACCN:

NM_003348

Insert Size:

1260 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_003348.3 , NP_003339.1
RefSeq Size:	2568 bp
RefSeq ORF:	459 bp
Locus ID:	7334
UniProt ID:	P61088
Cytogenetics:	12q22
Domains:	UBCc
Protein Families:	Druggable Genome
Protein Pathways:	Ubiquitin mediated proteolysis
Gene 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 E2 ubiquitin-conjugating enzyme family. Studies in mouse suggest that this protein plays a role in DNA postreplication repair. [provided by RefSeq, Jul 2008]