

Product datasheet for **SC126998**

UBE2L6 (NM_198183) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2L6 (NM_198183) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2L6
Synonyms:	RIG-B; UBCH8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126998 sequence for NM_198183 edited (data generated by NextGen Sequencing)

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ATGATCAAATTCACAACCAAGATCTACCACCCCAACGTGGACGAGAACGGACAGATTTGC
CTGCCCATCATCAGCAGTGAGAAGCTGGAAGCCTTGACCAAGACTTGCCAAGTCCTGGAG
GCCCTCAATGTGCTGGTGAATAGACCGAATATCAGGGAGCCCCTGCGGATGGACCTCGCT
GACCTGCTGACACAGAATCCGGAGCTGTTCAGAAAGAATGCCGAAGAGTTCACCTCCGA
TTCGGAGTGGACCGCCCTCCTAA
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Clone variation with respect to NM_198183.2

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_198183 unedited ATTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCCACACACTCGG TCCCGACATGATGGCGAGCATGCGAGTGGTGAAGGAGCTGGAGGATCTTCAGAAGAAGCC TCCCCATACCTGCGGAACCTGTCCAGCGATGATGCCAATGTCCTGGTGTGGCAGCTCT CCTCTACCCGACCAACCTCCCTACCACCTGAAAGCCTTCAACCTGCGCATCAGCTTCCC GCCGGAGTATCCGTTCAAGCCTCCCATGATCAAATTCACAACCAAGATCTACCACCCAA CGTGGACGAGAACGGACAGATTTGCCTGCCCATCATCAGCAGTGAGAAGCTGGAAGCCTTG CACCAAGACTTGCCAAGTCTGGAGGCCCTCAATGTGCTGGTGAATAGACCGAATATCAG GGAGCCCCTGCGGATGGACCTCGCTGACCTGCTGACACAGAATCCGGAGCTGTTCAGAAA GAATGCCGAAGAGTTCACCTCCGATTCCGGAGTGGACCGCCCTCCTAACTCATGTTCTG ACCTCTGTGCACTGGATCCTCGGCATAGCGGACGGACACACCTCATGGACTGAGGCCAG AGCCCCCTGTGGCCCATTCCTTCAATTTTCCCTTCTTAAGTTGNTAGTCATTANTTT GTGTGTGTGTGGTGGAGGGAAGGGAGCTATGAGTGTGTGTGTGTGTATGGACTCACT CCCAGTTTACCTGGCCACAGGTGCACCCCTTCCCACACCTTTACATTTCCCAGAGCCA AGGGAGTTAAGTTTGCAGNTACAGGCCAGTCTTCAGCTCTCCATCTTANAGAGACAGT CACCTTGACGCCCTGCTTGGCAGAAATGAACCAAC
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Restriction Sites: NotI-NotI



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ACCN:	NM_198183
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:	<u>NM_198183.1</u> , <u>NP_937826.1</u>
RefSeq Size:	1269 bp
RefSeq ORF:	264 bp
Locus ID:	9246
UniProt ID:	<u>O14933</u>
Cytogenetics:	11q12.1
Protein Pathways:	Parkinson's disease, Ubiquitin mediated proteolysis
Gene Summary:	<p>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 (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is highly similar in primary structure to the enzyme encoded by the UBE2L3 gene. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2011]</p> <p>Transcript Variant: This variant (2) contains an alternate 5' exon and uses a downstream start codon, as compared to variant 1. The encoded isoform (2) is thus shorter when it is compared to isoform 1.</p>