

Product datasheet for **SC309351**

UBE2J2 (NM_194315) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2J2 (NM_194315) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2J2
Synonyms:	NCUBE-2; NCUBE2; PRO2121
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309351 representing NM_194315. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGAGCAGCACCAGCAGTAAGAGGGCTCCGACCACGGCAACCCAGAGGCTGAAGCAGGACTACCTTCGC
ATTAAGAAAGACCCGGTGCCTTACATCTGTGCCGAGCCCTCCCTTCGAATATTCTCGAGTGGTTCAAG
CGATTCTCCTGGCTCAGCCTCCTGAGTAGCTGGGATTACAGGCACTATGTCGTCGAGGCCAGAGATG
ACCCCTTATGAAGGTGGCTATTATCATGGAAAATAATTTTTCCAGAGAATTCCTTTCAAACCTCCC
AGTATCTATATGATCACTCCCAACGGGAGGTTAAGTGAACACCAGGCTGTGTCTTCTATCACGGAT
TCCACCCGGACACGTGGAACCCGGCCTGGTCTGTCTCCACCATCCTGACTGGGCTCCTGAGCTTCATG
GTGGAGAAGGGCCACCCCTGGGAGTATAGAGACGTCGGACTTCACGAAAAGACAACCTGGCAGTGCA
AGTTTAGCATTTAATTTGAAAGATAAAGTCTTTTGTGAATTATTTCTGAAGTCGTGGAGGAGATAAA
CAAAAACAGAAAGCACAAGACGAACTCAGTAGCAGACCCAGACTCTCCCTTGCCAGACGTGGTTCCA
GACGGGGAGACGCACCTCGTCCAGAACGGGATTCAGCTGCTCAACGGGCATGCGCCGGGGCCGTCCCA
AACCTCGCAGGGCTCCAGCAGGCCAACCCGGCACCACGGACTCCTGGGTGGCGCCCTGGCGAACTTGTTT
GTGATAGTTGGGTTTGCAGCCTTGCTTACACGGTCAAGTACGTGCTGAGGAGCATCGCCAGGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_194315
Insert Size:	828 bp



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_194315.1
RefSeq Size:	2315 bp
RefSeq ORF:	828 bp
Locus ID:	118424
UniProt ID:	Q8N2K1
Cytogenetics:	1p36.33
Protein Families:	Transmembrane
Protein Pathways:	Parkinson's disease, Ubiquitin mediated proteolysis
MW:	31 kDa
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, 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. This enzyme is located in the membrane of the endoplasmic reticulum. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been defined. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>