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Product datasheet for SC309702

UBE2J2 (NM_194458) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2J2 (NM_194458) 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:	>NCBI ORF sequence for NM_194458, the custom clone sequence may differ by one or more nucleotides ATGACCCCTTATGAAGGTGGCTATTATCATGGAAAACTAATTTTTCCCAGAGAATTTCCT TTCAAACCTCCCAGTATCTATATGATCACTCCCAACGGGAGGTTTAAGTGCAACACCAGG CTGTGTCTTTCTATCACGGATTTCCACCCGGACACGTGGAACCCGGCCTGGTCTGTCTCC ACCATCCTGACTGGGCTCCTGAGCTTCATGGTGGAGAAGGGCCCCACCCTGGGCAGTATA GAGACGTCGGACTTCACGAAAAGACAACTGGCAGTGCAGAGTTTAGCATTTAATTTGAAA GATAAAGTCTTTTGTGAATTATTTCCTGAAGTCGTGGAGGAGATTAAACAAAAACAGAAA GCACAAGACGAACTCAGTAGCAGACCCCAGACTCTCCCCTTGCCAGACGTGGTTCCAGAC GGGGAGACGCACCTCGTCCAGAACGGGATTCAGCTGCTCAACGGGCATGCGCCGGGGGCC GTCCCAAACCTCGCAGGGCTCCAGCAGGCCAACCGGCACCACGGACTCCTGGGTGGCGCC CTGGCGAACTTGTTTGTGATAGTTGGGTTTGCAGCCTTTGCTTACACGGTCAAGTACGTG CTGAGGAGCATCGCGCAGGAGTGA
Restriction Sites:	Please inquire
ACCN:	NM_194458
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.

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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:	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_194458.1, NP_919440.1
RefSeq Size:	2396 bp
RefSeq ORF:	624 bp
Locus ID:	118424
UniProt ID:	Q8N2K1
Cytogenetics:	1p36.33
Protein Families:	Transmembrane
Protein Pathways:	Parkinson's disease, 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. 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] Transcript Variant: This variant (3) has two alternate splice sites in the 5' region, as compared to variant 1. It uses a downstream start codon, so the encoded isoform (3) has a shorter N-terminus, as compared to isoform 1.