

Product datasheet for SC114499

UBC6e (UBE2J1) (NM_016021) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBC6e (UBE2J1) (NM_016021) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBC6e
Synonyms:	CGI-76; HSPC153; HSPC205; HSU93243; NCUBE-1; NCUBE1; UBC6; UBC6E; Ubc6p
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114499 sequence for NM_016021 edited (data generated by NextGen Sequencing)

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ATGGAGACCCGCTACAACCTGAAGAGTCCGGCTGTTAAACGTTTAAATGAAAGAAGCGGCA
GAATTGAAAGATCCAACAGATCATTACCATGCGCAGCCTTTAGAGGATAACCTTTTTGAA
TGGCACTTCACGGTTAGAGGGCCCCAGACTCCGATTTTATGAGGAGTTTATCACGGG
CGGATAGTACTGCCACCAGAGTATCCCATGAAACCACCAAGCATTATTCTCCTAACGGCT
AATGGTCGATTTGAAGTGGGCAAGAAAATCTGTTTGAGCATCTCAGGCCATCATCCTGAA
ACTTGGCAGCCTTCGTGGAGTATAAGGACAGCATTATTAGCCATCATTGGGTTTATGCCA
ACAAAAGGAGAGGGAGCCATAGGTTCTCTAGATTACACTCCTGAGGAAAGAAGAGCACTT
GCCAAAAAATCACAAGATTTCTGTTGTGAAGGATGTGGCTCTGCCATGAAGGATGTCCTG
TTGCCTTTAAAACTGGAAGCGATTCAAGCCAAGCTGACCAAGAAGCCAAAGAAGCTGGCT
AGGCAAAATAAGCTTTAAGGCAGAAGTCAATTCATCTGGAAGACTATCTCTGAGTCAGAC
TTAAACCACTCTTTTTCACTAACTGATTTACAAGATGATATACCTACAACATTCCAGGGT
GCTACGGCCAGTACATCGTACGGAGTCCAGAATTCCTCAGCAGCATCCTTTTCATCAACCT
ACCCAACCTGTAGCTAAGAATACCTCCATGAGCCCTCGACAGCGCCGGGCCAGCAGCAG
AGTCAGAGAAGGTTGTCTACTTCACCAGATGTAATCCAGGGCCACCAGCCAAGAGACAAC
CACACTGATCATGGTGGGTCAGCTGACTGATTGTCATCCTGACTTTGGCATTGGCAGCT
CTTATATTCGACGAATATATCTGGCAAACGAATACATATTTGACTTTGAGTTATAA

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Clone variation with respect to NM_016021.2
685 c=>g



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016021 unedited</p> <pre> GTTTTTGTATACGACTCATATAGGCGGCCGNAATTCGCACGAGGCCCGAGCCGCGCTG AGACCCGGGCAGCGGCCGCGTGGAGAGGAGGTGGCAGCGGCCCGGAGGCCGAGCCAAG CCAGCGACCCACCATGGAGACCCGCTACAACCTGAAGAGTCCGGCTGTTAAACGTTTAAAT GAAAGAAGCGGCAGAATTGAAAGATCCAACAGATCATTACCATGCGCAGCCTTTAGAGGA TAACTTTTTGAATGGCACTTACGGTTAGAGGGCCCCAGACTCCGATTTTGATGGAGG AGTTTATCACGGGCGGATAGTACTGCCACCAGAGTATCCCATGAAACCACCAAGCATTAT TCTCTAACGGCTAATGGTCGATTTGAAGTGGCAAGAAAATCTGTTTGAGCATCTCAGG CCATCATCCTGAAACTTGGCAGCCTTCGTGGAGTATAAGGACAGCATTATTAGCCATCAT TGGGTTTATGCCAACAAAAGGAGAGGGAGCCATAGGTTCTCTAGATTACACTCCTGAGGA AAGAAGAGCACTTGCCAAAAATCACAAGATTTCTGTTGTGAAGGATGTGGCTCTGCCAT GAAGGATGTCCTGTTGCCTTTAAAATCTGGAAGCGATTCAAGCCAAGCTGACCAAGAAGC CAAAGAAGTGGCTAGGCAATAAGCTTTAAGGCAGAAGTCAATTCATCTGGAAAGACTAT CTCTGAGTCAGACTTAAACCACTTTTTCACTAACTGATTTACAAGATGATATACCTAC AACATTCCAGGGTCTACGGCCAGTACATCGTACGGAGTCCAGAATTCCTCAGCAGCATC CTTTCATCAACCTACCAACCTGTAGCTAAGAATACCTNNCATGAGCCTCGACAGCGCCC GGCCCAGCAGCAGAGTCAGAGAGTTGTCTACTTCCCAGATGTATCCAGGNCACAGCCA GAGACACACCTGATCATGTGG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016021 unedited</p> <pre> GACGCGGCCGCAATCTATAGTCGAGTTTTTTTTTTTTTTTTTTTTTAAAAGACTGAATTTATT AAAGTTTAAAGACAATTCTGTATTATATAATAGTGTACAATATGTTCTTATTTTAGATGTA GAAATAAAGGAAAAGTGGCTCTCAGATGAAAACAGAAATTGTGTCTGACAGTTAATAGAA CGAATGTCCCATAAACAGGAGTAAAAATTAATTTGCCTTTAAGACGATTTTACAATTAT TTCTCTTGTCATAATTTCACTTAGTTAAAACACATAAGGACTTTATGAATACCCTCCC CTATACTATTCAAGATATACATATGGGCTAACTTTTCGTGGACCGATCTATAACCTAAATA CCACTTCCAACATTGTTTGACTTGTAATAAATAAATTAACCTTCAAAATAACACTTTTGGAGCA TAACTATTTGAAAGCTTGAACCACTGTATTTAAAAATTAATCTTCATTAACAACAC CCTCAAGAGTGCCTCAGTGTGCGAACTGAACATGCTGAAGGCAATGTTTTCTGTGAT TATATGGTTTACCAGCCATTATGATGATAATATTATCTACTAAAGTCTGAGGCGCTAGC TAACTAAGTTATATATTGATTTTTCCACTGAAAATTTCTTTCTGAGCTCTGACTAAGA GGACAATTCTAAGTAAAGGGTTTTCTAACTTCTATACCTGTTACTGGGGCCCTGAGGTTT CCATTAATAATAGGACCTGAATATTTCCATTTTATGCATTTTCCCGGAATAATAAAATTC TTCCGGTTTATAACGCTGGCCTTTATACCTCCCAAAGACATCCTTTCAAGAAAACCAACA TCCAATCTCCAATCCCCCTCTACTTCTGGAAAATACCCCGCATTCTCTGGTTGGGCCCT TCTTCTTAAAACACTAGAAAACCGCCTCCTTCTTAACTTGGGCATATTGCAAACAAA GGAGGGCTGGGAAACCAGTNTTAAATGCTACAAGCACACCTTCAACGAATACAGCGCCAA TTTATCTCNT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016021
Insert Size:	2710 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:

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_016021.2](#), [NP_057105.2](#)

RefSeq Size: 4360 bp

RefSeq ORF: 957 bp

Locus ID: 51465

UniProt ID: [Q9Y385](#)

Cytogenetics: 6q15

Domains: UBCc

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 (ER) and may contribute to quality control ER-associated degradation by the ubiquitin-proteasome system. [provided by RefSeq, Jul 2008]