

Product datasheet for **SC117530**

UBE2L6 (NM_004223) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | UBE2L6 (NM_004223) 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 SC117530 sequence for NM_004223 edited (data generated by NextGen Sequencing) |

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ATGATGGCGAGCATGCGAGTGGTGAAGGAGCTGGAGGATCTTCAGAAGAAGCCTCCCCCA
TACCTGCGGAACCTGTCCAGCGATGATGCCAATGCCTGGTGTGGCACGCTCTCCTCCTA
CCCGACCAACCTCCCTACCACCTGAAAGCCTTCAACCTGCGCATCAGCTTCCCGCCGGAG
TATCCGTTCAAGCCTCCCATGATCAAATTCACAACCAAGATCTACCACCCCAACGTGGAC
GAGAACGGACAGATTTGCCTGCCATCATCAGCAGTGAGAACTGGAAGCCTTGACCAAG
ACTTGCCAAGTCCTGGAGGCCCTCAATGTGCTGGTGAATAGACCGAATATCAGGGAGCCC
CTGCGGATGGACCTCGCTGACCTGCTGACACAGAATCCGGAGCTGTTAGAAAAGAATGCC
GAAGAGTTCACCCTCCGATTCGGAGTGGACCGGCCCTCCTAA
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Clone variation with respect to NM_004223.4



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_004223 unedited</p> <pre>TTGTAATACGACTCACTATTAGGGCGGCCGCGATTTCGGCACGAGGCCGGGGCGGGCGGG GCGCGCTGTGTCGCGGGTTCGGAGCTCGGTCTGCTGGAGGCCACGGGTGCCACACTCG GTCCCCACATGATGGCGAGCATGCGAGTGGTGAAGGAGCTGGAGGATCTTCAGAAGAAGC CTCCCCATACCTGCGGAACCTGCCAGCGATGATGCCAATGTCTGGTGTGGCAGCGTC TCCTCTACCCGACCAACCTCCCTACCACCTGAAAGCCTTCAACCTGCGCATCAGCTTCC CGCCGGAGTATCCGTTCAAGCTCCCATGATCAAATTCACAACCAAGATCTACCACCCA ACGTGGACGAGAACGGACAGATTTGCCTGCCCATCATCAGCAGTGAGAAGTGAAGCCTT GCACCAAGACTTGCCAAGTCTGGAGGCCCTCAATGTGCTGGTGAATAGACCGAATATCA GGGAGCCCTGCGGATGGACCTCGCTGACCTGCTGACACAGAATCCGGAGCTGTTAGAA AGAATGCCGAAGAGTTCACCTCCGATTCGGAGTGGACCGGCCCTCTAACTCATGTTCT GACCCTCTGTGCACTGGATCCTCGGCATAGCGGACGGACACACCTCATGGACTGAGGCCA GAGCCCCCTGTGGCCATTCCCCATTATTNTTCCCTTCTAGGTTGTTAGTCATTANTT TGTGTGTGTGTGGTGGAGGGAAGGGACTATGAGTGTGTGTGGGTATGGACTCACT CCCAGTTCACCTGGCCACAGGTGCACCCTTCCACACCTTNCATTCCCCAGAGCAGGGNA GTTTAGTTTGCATTACAGGCCAGTCTC</pre> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_004223 unedited</p> <pre>GGCCGCAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTACATCT CTGACTTTAATGGCTAAAGCAAAAACATGGTTTCCGTGGCTCCCCCTGAACTGAATGCTG GAGGATATACTTCACAGTCTGAGGCCTGGTCCCAGAACTGGCAATCTAACAGGATGG CAAGGGGTTTTGAAACATATAAATTTTCAGGATGGAAGTTTGATTCTTCAAATTGGGACT CATCCGGGGAAAATAAATGGTTTACCACCTAAATCTGTATATTCCCATCAGGGGCTTGGC TGACTCAGTTGTAATAGGGTACCCTCCATCTGTCTCCACCCATATGCTCCACTGTCCC CAGGCCCTCAGTGCCTGAGCCCTAGGGGATTTCGAGTTGGCTGCTGGATTCAATTCCTGC AAGCAGGCCTGCAAGGGGACCTGTCTTTCTAAAATGGAAGCTGGAAAAGTGGCCTGTAA CTGCAAACTTAACTCCCTTGGCTCTGGGGAAATGTAAAGGGTGTGGGAAGGGTGCACCTG TGGCCAGGTGAACCTGGGAGTGAAGTCCATACACAACACACACACTAATAGCTCCCTTCCC TCCACCACACACACACAAAATAATGACTAACAACCTAAGAAGGGAAAAATGAATGGGG AATGGGCCACAGGGGGCTCTGGCCTCAGTCCATGAGGTGTGTCCGTCCGTTATGCCGAGG ATCCAGTGCACAGAGGGTCAAAAACATGAGTTAGGAGGGCCGGCCACTCCGAATCGAAGG GTGAACCTTTCGCATTCTTTCTGAAAGCTTCGGATTCTGTGTACCAAGTCACCGAGGTC CTCCGCAGGGGCTCCCTGATNTCGGTCTTTTCCAGCCATTGAGGCCTCCAGACTTGCA AGTCTTGTGCAAGGTCCATTTTCACTGTGAAGATGGCCGGCAATTTGTCCTTCTCCCCAG TGGGGGGGAAAT</pre> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_004223 |
| Insert Size: | 1350 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). |

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| 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_004223.3</u> , <u>NP_004214.1</u> |
| RefSeq Size: | 1260 bp |
| RefSeq ORF: | 462 bp |
| Locus ID: | 9246 |
| UniProt ID: | <u>O14933</u> |
| Cytogenetics: | 11q12.1 |
| Domains: | UBCc |
| 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 (1) encodes the longer isoform (1).</p> |