

Product datasheet for **SC115169**

C20orf30 (TMEM230) (NM_014145) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | C20orf30 (TMEM230) (NM_014145) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | C20orf30 |
| Synonyms: | C20orf30; dj1116H23.2.1; HSPC274 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC115169 sequence for NM_014145 edited (data generated by NextGen Sequencing) ATGATGCCGTCCCGTACCAACCTGGCTACTGGAATCCCCAGTAGTAAAGTGAAATATTC AGGCTCTCCAGCACAGACGATGGCTACATTGACCTTCAGTTTAAGAAAACCCCTCCTAAG ATCCCTTATAAGGCCATCGCACTTGCCACTGTGCTGTTTTTATTGGCGCCTTTCTCATT ATTATAGGCTCCCTCCTGCTGTCAGGCTACATCAGCAAAGGGGGGCGAGACCGGGCCGTT CCAGTGCTGATCATTGGCATTCTGGTGTTCCTACCCGGATTTTACCACCTGCGCATCGCT TACTATGCATCCAAAGGCTACCGTGGTTACTCCTATGATGACATTCCAGACTTTGATGAC TAG Clone variation with respect to NM_014145.4 |



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_014145 unedited</p> <pre>TTGTAATACGACTCACTATAGGGCGGCCCGCAATTCGCACGAGGCTTAAGCGGGCCATG CCATGCAACCTTGGGCGCTGCCAACCGTGGGCGAGCTCTGGTGTGCGGGCGGCCCTGGCG CGGCGCTCCGATGGAGTCTAGTTCTGTGCGCCAGGCTGGAGCCAGTGGTGTGATCTCAG CTCACTGCAATCTCCACCTCTGGCTTCAAGCGATTCTTCTGCTTCAGCCTCCCGACTGT GTCAGCGTGTTATGATGCCGTCCCGTACCAACCTGGCTACTGGAATCCCCAGTAGTAAAG TGAATATTTCAAGGCTCTCCAGCACAGACGATGGCTACATTGACCTTCAGTTTAAGAAAA CCCTCCTAAGATCCCTTATAAGGCCATCGCACTTGCCACTGTGCTGTTTTTATTGGCG CCTTCTCATTATTATAGGCTCCCTCTGCTGTGAGGCTACATCAGCAAAGGGGGGCGAG ACCGGGCCGTTCCAGTGCTGATCATTGGCATTCTGGTGTCTACCCGGATTTTACCACC TGCGCATCGTTACTATGCATCCAAAGGCTACCGTGGTACTCCTATGATGACATTCCAG ACTNTGATGACTAGCACCCACCCATAGCTGAGGAGGAGTCACAGTGAAGTGTCCAGC TTTAAGATATCTAGCAGAACTATAGCTGAGGACTAAGGATTCTGCAGTTGCAGATGT TTAAGAAAATATGGCCAGATTTTTTGGTCTTCAAAGATGTTAAGTGAACCTACAGTT AGCTAATTAGGACAGCTCTATTTTCATCCCTGGCCCTGACAGTTTCCACAGGATATGAT CATGGAGAATAGAGGNTATCTGTATGAAAAGTGTGCTGCCACACCTTGTAAAGCTGAGC TTTCTT</pre> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_014145 unedited</p> <pre>CACGCGGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTGAAGTTAACTCATTTT ATTTCTAGGATTTGGATTTCAACATTTTAAATTTCTTTGGAATATAAGTCACTTTTTGCAA GCTAAAAAATAGAATCAAACCTAAGGTGATCTAGTCTCTAGGCATCCAGGCTGATCCTTG GAATCATGAGCAGAATGATGACATACTACAAGGTGCTAGCAATACGGCTATAAACTCTAA ATAATAACCACTACATGTTTCATTAGGAAACAGCCAAAAGTCCGGCCGTTAAAGGAATAA TCTGCAGAACATCTTGATTTACAAGGGACAAAATGATGCAAATATATGCTGTCCAACT ACTGGTGAAGTGGATCAGAATGGTCCAAGGACTGTTAAACAGAGGAAGTATTTACATTTT GAAAACCTGTCTGCAGGATAAAAAATTCCTGGTTGCTGTCAGTAAGAAAGCAAGTAA AAAAATATTACAGATGAAGTCACTGATCTTTGATTTTACTAAGGTCTTCCACTGGAACAT GAAGGTAGGATAAGTGTACAGGATAATATACTCAGATATTTTTAAAATAAACTACTTAA TAATAAGAAAATTAGCCATACCACATTGTCCATTTGCTACAAGAACAATTTGGCAATGAA GACTATTTAAAAGAAATGCTCAGCTCTACCAGAGGGTGGTGGCAGGCAACACTTTTCCAT TACAGAATAACCTCTATTCTTCCATGATACATATTCCTGTGAAAAAAGTGCAGGGCCCA GGATGAAANNATAGAGCTGTCTATTAGCTACTGTNAGTCACTTACATCTTGGGAAGACCA AAAATCTGCCATTATTTCTTAACTCTGCAGCTGCAGATNCCTAGCCTAGCTTAGNTCTGC TGAATCTAAGCTGGACAGTCC</pre> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_014145 |
| Insert Size: | 1540 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: | NM_014145.4 , NP_054864.3 |
| RefSeq Size: | 1699 bp |
| RefSeq ORF: | 363 bp |
| Locus ID: | 29058 |
| UniProt ID: | Q96A57 |
| Cytogenetics: | 20p13-p12.3 |
| Protein Families: | Transmembrane |
| Gene Summary: | <p>This gene encodes a multi-pass transmembrane protein that belongs to the TMEM134/TMEM230 protein family. The encoded protein localizes to secretory and recycling vesicle in the neuron and may be involved in synaptic vesicles trafficking and recycling. Mutations in this gene may be linked to familial Parkinson's disease. [provided by RefSeq, Mar 2017]</p> <p>Transcript Variant: This variant (3) has an additional segment but lacks an exon in the 5' region, and uses a downstream AUG codon for translation initiation, as compared to variant 1. The encoded isoform (2) has a shorter N-terminus, as compared to isoform 1.</p> |