

## Product datasheet for **SC106277**

### **C20orf30 (TMEM230) (AF161392) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C20orf30 (TMEM230) (AF161392) Human Untagged Clone
Tag:	Tag Free
Symbol:	C20orf30
Synonyms:	C20orf30; dj1116H23.2.1; HSPC274
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AF161392, the custom clone sequence may differ by one or more nucleotides

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ATGCAACCTTGGGCGCTGCCAACCGTGGGCGAGCTCTGGGTGTGCGGGCGGCCTGGCGGGCGCTCCGAT
GGAGTCTRGTTCTGTCGCCAGGCTGGAGCCAGTGGTGTGATCTCAGCTCACTGCAATCTCCACCTCCT
GGCTTCAAGCGATTCTTCTGCTTCAGCCTCCCGACTGTGTGAGCGTGTATGATGCCGTCCCGTACCAAC
CTGGCTACTGGAATCCCCAGTAGTAAAGTGAAATATTCAAGGCTCTCCAGCACAGACGATGGCTACATTG
ACCTTCAGTTTAAGAAAACCCCTCCTAAGATCCCTTATAAGGCCATCGCACTTGCCACTGTGCTGTTTTT
GATTGGCGCNTTCTCATATATAGGCTCCCTCCTGCTGTCAGGCTACATCAGCAAAGGGGGCAGACGGGC
CGTTTCCATGCTGATCATTGGCATCTGGTGTTCCTACCCGGGATTACCCTGCGCATCGTTATATGCAT
CCANAGCTACGTGGTTACTCCTATGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for AF161392 unedited GGGTTCCCATTTGTATACGACTCATATAGGCGGCCGCGTGATCCCGCCTGGGGCCGGCTG AGTGGCACTTAAGCGGGCCATGCCATGCAACCTTGGGCGCTGCCAACCGTGGGCGAGCTC TGGGTGTGCGGGCGCCCTGGCGGGCGCTCCGCTGTGTCAGCGTGTATGATGCCGTCCC GTACCAACCTGGCTACTGGAATCCCCAGTAGTAAAGTAAATATTCAAGGCTCTCCAGCA CAGACGATGGCTACATTGACCTTCAGTTTAAGAAAACCCCTCCTAAGATCCCTTATAAGG CCATCGCACTTGGCACTGTGCTGTTTTGATTGGCGCCTTCTCATTATTATAGGCTCCC TCCTGCTGTCAGGCTACATCAGCAAAGGGGGGAGACCGGGCCGTTCCAGTGCTGATCA TTGGCATTCTGGTGTCTACCCGGATTTTACCACCTGCGCATCGCTTACTATGCATCCA AAGGCTACCGTGGTTACTCCTATGATGACATTCCAGACTTTGATGACTAGCACCCACCCC ATAGCTGAGGAGGAGTCACAGTGGAACTGTCCAGCTTTAAGATATCTAGCAGAACTAT AGCTGAGGACTAAGGAATTCTGCAGCTTGCAGATGTTTAAGAAAATAATGGCCAGATTTT TTGGGTCCTTCCAAAGATGTTAAGTGAACCTACAGTTAGCTAATTAGGACAAGCTCTAN TTTTTCATCCCTGGGCCCTGACAGTTTTTTCACANGAATATGTATCATGGGAGAATAGAGG TTATTCTGTAATGAAAAAGTGTGCTGCCACCACCCTCTGTAGAGCTGAGCATTCTTTT TAATAGTCTTCATTGGCAATTTGGTCTTGTAGCAAATGGAACAATGTGGTATGGCTAATT TCCTATTATTAGTAG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AF161392
<b>Insert Size:</b>	1500 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">AF161392.1</a> , <a href="#">AAF28952.1</a>
<b>RefSeq Size:</b>	642 bp
<b>RefSeq ORF:</b>	642 bp
<b>Locus ID:</b>	29058
<b>Cytogenetics:</b>	20p13-p12.3
<b>Protein Families:</b>	Transmembrane

**Gene Summary:**

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]