

## Product datasheet for **SC322333**

### C20orf30 (TMEM230) (NM\_014145) Human Untagged Clone

#### Product data:

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for SC322333  
 CGGCTGAGTGGCACTTAAGCGGGCCATGCCATGCAACCTTGGGCGCTGCCAACCGTGGGC  
 GAGCTCTGGGTGTGCGGGCGCCCTGGCGGGCGCTCCGCTGTGTCAGCGTGTATGATGC  
 CGTCCCGTACCAACCTGGCTACTGGAATCCCCAGTAGTAAAGTGAATATTCAAGGCTCT  
 CCAGCACAGACGATGGCTACATTGACCTTCAGTTTAAGAAAACCCCTCCTAAGATCCCTT  
 ATAAGGCCATCGCACTTGCCACTGTGCTGTTTTGATTGGCGCCTTCTCATTATTATAG  
 GCTCCCTCTGCTGTCAGGCTACATCAGCAAAGGGGGGAGACCGGGCCGTTCCAGTGC  
 TGATCATTGGCATTCTGGTGTCTACCCGGATTTTACCACCTGCGCATCGCTTACTATG  
 CATCCAAAGGCTACCGTCTTACTCCTATGATGACATTCCAGACTTTGATGACTAGCACC  
 CACCCCATAGCTGAGGAGGAGTACAGTGAAGTGTCCAGCTTAAAGATATCTAGCAGA  
 AACTATAGCTGAGGACTAAGGAATTCTGCAGCTTGCAGATGTTTAAAGAAAATAATGGCCA  
 GATTTTTTTGGTCCCTTCCCAAAGATGTTAAGTGAACCTACAGTTAGCTAATTAGGACAA  
 GCTCTATTTTTGACCCCTGGGCCCTGACAAGTTTTTCCACAGGAATATGTATCATGGAAG  
 AATAGAGGTTATTCTGTAATGGAAAAGTGTTCCTGCCACCACCTCTGTAGAGCTGAGC  
 ATTTCTTTTAAATAGTCTTCATTGCCAATTTGTTCTTGTAGCAAATGGAACAATGTGGTA  
 TGGCTAATTTCTTATTATTAAGTAATTTATTTAAAAATATCTGAGTATATTATCCTGTA  
 CACTTATCCCTACCTTCATGTTCCAGTGAAGACCTTAGTAAAATCAAAGATCAGTGAGT  
 TCATCTGTAATATTTTTTTTACTTGCTTTCTTACTGACAGCAACCAGGAATTTTTTATC  
 CTGCAGAGCAAGTTTTCAAATGTAATACTTCCCTCTGTTTAAACAGTCCCTGGACCATT  
 TGATCCAGTTCACCAGTAGGTTGGACAGCATATAATTTGCATCATTTTGTCCCTTGTA  
 TCAAGATGTTCTGCAGATTATTCCTTTAACGGCCGGACTTTTGGCTGTTTCTAATGAAA  
 CATGTAGTGGTTATTATTTAGAGTTTATAGCCGATTGCTAGCACCTTGTAGTATGTCAT  
 CATTCTGCTCATGATTCCAAGGATCAGCCTGGATGCCTAGAGGACTAGATCACCTTAGTT  
 TGATTCTATTTTTAGCTTGCAAAAAGTACTTATATTCCAAAGAAATTTAAATGTTGAA  
 ATCCAAATCCTAGAAATAAAATGAGTTAACTTCAAACATTTTCAGAAAACAAAAA

**Restriction Sites:** Please inquire



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<b>ACCN:</b>	NM_014145
<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>OTI Annotation:</b>	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.
<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>	<u><a href="#">NM_014145.4</a></u> , <u><a href="#">NP_054864.3</a></u>
<b>RefSeq Size:</b>	1699 bp
<b>RefSeq ORF:</b>	363 bp
<b>Locus ID:</b>	29058
<b>UniProt ID:</b>	<u><a href="#">Q96A57</a></u>
<b>Cytogenetics:</b>	20p13-p12.3
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<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>