

## Product datasheet for SC309149

### C1orf19 (TSEN15) (NM\_052965) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf19 (TSEN15) (NM_052965) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf19
Synonyms:	C1orf19; PCH2F; sen15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309149 representing NM_052965. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGGAGGAGCGCGGCGATTCCGAGCCGACCCCGGCTGCAGCGGCCTGGGTCCGGCGGTGTTCCGCGG  
 TTTGGCAGCGCGGTGGAGCTCCTTCGTGGGCCCTGAGGACGCCTGGATGGGCACTCACCTAAGTAT  
 CTAGAAATGATGGAATTAGATATAGGAGATGCCACCAAGTTTATGTAGCGTTCTTGTTTACCTGGAC  
 CTCATGGAAGCAAAAGCTGGCATGAAGTAACTGTGTAGGATTACCAGAACTCCAGCTCATCTGCCTT  
 GTTGTACTGAGATAGAAGGGGAGGGTTACAGACTGTGGTGCCTACCCCATCACTGCTCCCTCAGC  
 CATAACAGGATAAGGGAGATCTTGAAGGCATCTCGAAAGTTGCAAGGTGATCCAGATTTGCCGATGTCT  
 TTTACTTTGGCCATAGTGGAGTCTGATTCTACAATAGTCTATTATAAACTTACTGATGGATTTATGCTG  
 CCAGACCCTCAGAATATTTCTCTTAGAAG**TGA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_052965
Insert Size:	516 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).


[View online »](#)

OTI Annotation:	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.
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:	<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>
RefSeq:	<u>NM_052965.3</u>
RefSeq Size:	1998 bp
RefSeq ORF:	516 bp
Locus ID:	116461
UniProt ID:	<u>Q8WW01</u>
Cytogenetics:	1q25.3
MW:	18.6 kDa
Gene Summary:	<p>This gene encodes a subunit of the tRNA splicing endonuclease, which catalyzes the removal of introns from tRNA precursors. Alternative splicing results in multiple transcript variants. There is a pseudogene of this gene on chromosome 17. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (1) encodes isoform 1.</p>