

## Product datasheet for **SC100497**

### **C9ORF91 (TMEM268) (NM\_153045) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C9ORF91 (TMEM268) (NM_153045) Human Untagged Clone
Tag:	Tag Free
Symbol:	C9ORF91
Synonyms:	C9orf91
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_153045, the custom clone sequence may differ by one or more nucleotides

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ATGGCCTGTGAACCACAGGTGGACCCGGGGGCCACTGGCCATTGCCCCCTCCTCCCCTGGCTGGAGTG
CCCTGCCTGGAGGGAGCCCTCCTGGCTGGGGGCAAGAGCTCCACAATGGCCAGGTCCTCACTGTTCTCCG
GATTGACAATACCTGTGCACCCATCTCCTTCGACCTGGGAGCCGAGAAGAGCAACTGCAAACCTGGGGC
ATCCAGGTCCCGGCTGACCAGTACAGGAGCTTGCTGAGAGTGCCCTCTGGAGCCCAAGTGAGAAGAT
ATATCATCTACAACCTCGAGGCCTATGCGGCTGGCCTTTGCTGTGGTTTTCTATGTGGTGGTGGGCCAA
TATCTACTCTACCAGTCAGATGTTTGCCTTGGGAACCACTGGGCTGGCATGCTGCTCGTGACCCTGGCC
GCGGTGAGCCTGACCTTGACTCTTGCTGGTCTTTGAAAGACACCAGAAGAAGGCCAACACCAACACGG
ACCTGAGGCTGGCAGCTGCCAATGGAGCCCTCCTGAGACACCGGGTGCTGCTGGGGGTGACAGACACAGT
GGAAGGATGCCAGAGTGTGATTCAGCTTTGGTTTGTCTACTTCGACCTGGAGAAGTGTGTGAGTTTTTG
TCTGATCATGTTCAAGAAATGAAGACTAGCCAAGAGTCCTTGCTGAGAAGCAGATTGAGCCAGTTGTGTG
TTGTGATGGAGACTGGGGTGAGCCCTGCAACAGCGGAGGGGCCTGAGAAGTTGGAGGATGCTCCTCCTCCT
GCCCGCAATTCTTGTCCTAACGAGAGGCCACTCATGCAGACTGAGCTTCATCAGCTTGTTCCTGAGGCT
GAGCCGGAGGAAATGGCCCGCAGCTGCTGGCAGTGTTTGGCGGCTACTACATCCGGCTTCTAGTGACCT
CCCAGCTCCCTCAGGCAATGGGGACACGACACAGAACTCTCCGAGAATCCATGCCCTGCCAGTCCAT
AGAAGCTACATCCTAGGCACAGGGTGCTGCCCGTTCTGGCGAGGTGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_153045 unedited TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCTGGCCTTTGCT GTGGTTTTCTATGTGGTGGTGTGGGCAATATCTACTCTACCAGTCAGATGTTTGCCTTG GGGAACCACTGGGCTGGCATGCTGCTCGTGACCCTGGCCGCGGTGAGCCTGACCTTGACT CTTGTGCTGGTCTTTGAAAGACACCAGAAGAAGGCCAACCAACACGGACCTGAGGCTG GCAGTGCCAATGGAGCCCTCTGAGACACCGGGTGTGCTGGGGGTGACAGACACAGTG GAAGGATGCCAGAGTGTGATTTCAGCTTTGGTTTGTCTACTTCGACCTGGAGAAGTGTG CAGTTTTTGTCTGATCATGTTCAAGAAATGAAGACTAGCCAAGAGTCCTTGCTGAGAAGC AGATTGAGCCAGTTGTGTGTGTCATGGAGACTGGGGTGAACAGCCCTGCAACAGCGAGGGG CCTGAGAACTTGGAGGATGCTCCTCCTGCCCCGCAATTCTTGTCTAACGAGAGGGCCA CTCATGCAGACTGAGCTTCATCAGCTTGTCTGAGGCTGAGCCGGAGGAAATGGCCCGC CAGCTGCTGGCAGTGTGGCGGCTACTACATCCGGCTTCTAGTGACCTCCAGCTCCCT CANGCAATGGGGACACGACACGAACCTCCGAGAATCCATGCCCTGCCAGCTCATA GAAGCCTACATCCTANGCACAGGGTGTGCCCGTTCTGGCGAGGTGACCTAGGNATGAA NGTACTCATCTTCTCAGACTGAGCAGTCAGGAAGGCGTCAGGAGCCCAAGATGGCCAA TGGGGAGCCCCAGGTGAGGAGAGAGCATCTGGGGCACTCAAAGGGCCTGTGAGTCACC ACTGGGTTGTG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_153045
<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="#">NM_153045.1</a> , <a href="#">NP_694590.1</a>
<b>RefSeq Size:</b>	4413 bp
<b>RefSeq ORF:</b>	4413 bp
<b>Locus ID:</b>	203197
<b>UniProt ID:</b>	<a href="#">Q5VZI3</a>
<b>Cytogenetics:</b>	9q32
<b>Protein Families:</b>	Transmembrane