

Product datasheet for **SC307455**

C7orf53 (LSMEM1) (NM_182597) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C7orf53 (LSMEM1) (NM_182597) Human Untagged Clone
Tag:	Tag Free
Symbol:	C7orf53
Synonyms:	C7orf53
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC307455 sequence for NM_182597 edited (data generated by NextGen Sequencing) ATGACTCATTCTCCAGGACACTGGTTCTTGTGGCATTGGAAGATGGAAAGCTTTAT GTGGTGGATTCCATAAATGACTTAAACAACTAAACCTCTGTCCAGCCGGATCGCAGCAT CTGTTCCCTCTAGAGGACAAAATCCCAGTCCTTGGCACAACTCAGGAAATGGAAGCCGG AGTCTGTTTTTGTGGGGCTGCTAATTGTGCTGATTGTCAGCCTGGCACTGGTTTTTTTC GTGATATTTCTAATAGTTCAAACGGAAACAAGATGGATGATGTGTCAAGAAGACTAACA GCTGAAGGAAAAGACATAGATGATCTTAAGAGAATCAATAACATGATCGTAAAGCGACTC AACCAACTCAACCAACTGGACTCTGAACAAAATAA

Clone variation with respect to NM_182597.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_182597 unedited NAAGGTCAAATTGTATACGACTCACTATAGGCGGCCGGAATCCCCTTGCGTCAAGCT CACATTTTTGGACAATGACTCATTCTTCCCAGGACACTGGTTCTTGTGGCATTTCAGGAAG ATGGAAAGCTTTATGTGGTGGATTCCATAAATGACTTAAACAACTAACCTCTGTCCAG CCGGATCGCAGCATCTGTCCCTCTAGAGGACAAAATCCCAGTCTTGGCACAACTCAG GAAATGGAAGCCGGAGTCTGTTTTTTGTGGGCTGCTAATTGTGCTGATTGTCAGCCTGG CACTGGTTTTTTTCGTGATATTTCTAATAGTTCAAACCTGGAAACAAGATGGATGATGTG CAAGAAGACTAACAGCTGAAGGAAAAGACATAGATGATCTTAAGAGAATCAATAACATGA TCGTAAAGCGACTCAACCAACTCAACCAACTGGACTCTGAACAAAATAAGGAATGATT TTCTGAAAGCACCTGCAAGGGCGAATTCAGATCTGGTACCGATATCAAGCTTGTGCGACTC TAGATTGCGGCCGCGGTATAGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGAC CCCTCCCCAGTGCCTCTCTGGCCCTGGAAGTTGCCACTCCAGTCCCACCAGCCTTGTC CTAATAAAATTAAGTTGCATCATTTTGTCTGACTAGGTGTCCTTCTTAATATTATGGGGT GGAGGGGGTGGNTATTGGAGCAAGGGGCAAGTTGGGAAGACAACCTGTANGGCCTGCG GGGTCTATTGGGAACCAAGCTGGAGTGCAGTGGACAATCTTGGCTCACTGGCATCTCCG CCTCCTGGTTCAAGCGATTCTCTGCCTCACCTCCCAGTTGTTGGGATTCAGGCATGC T
Restriction Sites:	Please inquire
ACCN:	NM_182597
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).
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"> 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:	<u>NM_182597.1</u> , <u>NP_872403.1</u>
RefSeq Size:	1691 bp
RefSeq ORF:	396 bp
Locus ID:	286006
UniProt ID:	<u>Q8N8F7</u>
Cytogenetics:	7q31.1
Protein Families:	Transmembrane