

Product datasheet for **SC321076**

C7orf55 (FMC1) (NM_197964) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C7orf55 (FMC1) (NM_197964) Human Untagged Clone
Tag:	Tag Free
Symbol:	C7orf55
Synonyms:	C7orf55; HSPC268
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_197964.1</p> <pre> GGGTTTTTCAGGGTCGTAGGACGCCGTTGGGCACCACGCTCGGAGAAGGACAGGACAATGG CGGCCTTAGGGTCCCCGGCGCACACTTTTCGAGGACTTCTGCGGGAGTTGCGCTACCTGA GCGCGGCCACCGGCCGACCCTATCGCGACACCGCGGCCTATCGGTACCTTGTGAAGGCTT TCCGTGCACATCGGGTCACCAAGTGAAGTTGTGCAGAGCCCAACATGAGCTTCATTTC AAGCTGCCACCTATCTCTGCCTCCTGCGTAGCATCCGGAACATGTGGCCCTACATCAGG AATTTTCATGGCAAGGGTGAAGCGCTCGGTGGAGGAGTCTGCTGGCTTGGTGGGTCTCAAGT TGCCCCATCAGCCTGGAGGGAAGGGCTGGGAGCCATGAACATGGAGAATATCCTTGGATG CTGCATTCATAGGAGAATTGAATAATTTCTATCAATATGTATTTATCATTAAATTTTTTT TAAGTTTAAGGTTTTTCTCTGTAATTTTGTACTAGTTCTTAGGGGAATTAAGTGGACA TTTCATCTTTACTCTCAGTGAATTTACTGAACCTTTTGCCTAGACTGATGTTGTTTTTC TACTTAAAAAATTTTTTATATTTTATTTTAAAGTAGTACAAGCCTTAGCCAGGCACG GTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCAAGGCAGGCGGATCACCTGAGGT CGGGAGTTCGCGACCAGCCTGACCAACATGGAAAAACCCGCTCTACTAAAAATACAAA ATTAGCCAGGCGTGGTGGCACATGCCTGTAGTCCCAGCTACTCAGGAGGCTGGGACAGGA GAATCGCTTGAACCCGGGAGGTGGAGGTTGCGGTGAGCTGAGATCGCGCCATGGCACTCA CTCCAGCCTGGGCAACAAGAGCAAACTCTGTCTCAAAAAAAAAAAAAAAAAAATTAGTATA AGCCTTTTGTAAAGGAATTCAAATGTTATAAACATAAAAAAAGAAACCCTCCAAAAA AAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_197964


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_197964.1</u> , <u>NP_932068.1</u>
RefSeq Size:	1044 bp
RefSeq ORF:	342 bp
Locus ID:	154791
UniProt ID:	<u>Q96HJ9</u>
Cytogenetics:	7q34
Gene Summary:	<p>Plays a role in the assembly/stability of the mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) (PubMed:28719601).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the supproted protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>