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Product datasheet for SC102897

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:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_197964, the custom clone sequence may differ by one or more nucleotides

ATGGCGGCCTTAGGGTCCCCGTCGCACACTTTTCGAGGACTTCTGCGGGAGTTGCGCTACCTGAGCGCGG
CCACCGGCCGACCCTATCGCGACACCGCGGCCTATCGGTACCTTGTGAAGGCTTTCCGTGCACATCGGGT
CACCAGTGAAAAGTTGTGCAGAGCCCAACATGAGCTTCATTTCCAAGCTGCCACCTATCTCTGCCTCCTG
CGTAGCATCCGGAAACATGTGGCCCTACATCAGGAATTTCATGGCAAGGGTGAGCGCTCGGTGGAGGAGT
CTGCTGGCTTGGTGGGTCTCAAGTTGCCCCATCAGCCTGGAGGGAAGGGCTGGGAGCCATGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_197964 unedited
AGTCACATTTTGTATACGACTCACTATAGGGCGGCCGCGAATTCGCACGAGGGAAGGACA
GGACAATGGCGGCCTTAGGGTCCCCGTCGCACACTTTTCGAGGACTTCTGCGGGAGTTGC
GCTACCTGAGCGCGGCCACCGGCCGACCCTATCGCGACACCGCGGCCTATCGGTACCTTG
TGAAGGCTTTCCGTGCACATCGGGTACGGGAGCCATGTCCCGGGTGCTCTACGTGCTGGG
GAGGGAGGAAGAGCCGGGTCTGGGCTAGGGTGGGGAGCACGGTGTTTAATTCCTGCATTT
CTGAGGCCAACCCTCCCACGGAGCCCTGGTTCTGACCAAACCAACCCAGGCCCTAGGCTC
CATGCTCTGGCATAAACTCGGGGACCAAAGGACCAGCGGGGGGGGGCGCAGAGTCGCTCT
GGGGACGTCAGCCTGTCCTGCAGAGGGGCGGACCCGTCCCGAAGGATTTCATTGGCTGGT
CTGTTGCCTCTGCGGAGGGCAGTCAGGAAAGTGGAATGGAGGATTCAATGCTGGGGATAA
AACAATGAAGATGGAGTTGAAGGGTGTACTGTTGCTAGACTTAAAGCCACAGCATCTGGC
CAACAATTTCCTCACCCGTCCCCTAGAAAAGTTATTCTAAGAAGCATTTCTTTTTGAGGC
GGAAAAGAACAACTGGGCTTTAAGGGAAGGAAACTTGCTGCCCTTGAGCAATGTGGGGAA
AGGGAAACGATCAACTGGCCAATTTCTGAGCCACGGACGTCAGAATGGAAAATCTTAGAA
CTCTAAATCAACCTAGTTTTTAAAAGGGGCCAACGTTTAGGGTCTGGGCTTAGGAACCTG
GTCTTAAACGGGAAGAATCCAAAGCCCATTGTGGTCCTGGCCTTTAAGACACTTTGGTGG
CCCCACTATAGGAGCCCTTTCCATCAAGTTCTTGAGGATAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_197964 unedited
GAGATCACTGGGGAAGGGTCACAGGGCTGCCACCCGGGTATCTGTTCAGGAAAACAGCTA
TGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTGGGGACAGGGTTCTC
ACTTTGGTTGCCCAGGGCTGGAGTGCAATAGCGTGGAACATGGGCTGCTGATCTCCCCAG
CTCAAGTGATCCTCCCGCCTCAGCCCCGCAAGTAGCCGGGACTACAGACGCACACCACCA
TATCCGGCTAATTTTTGTATTTTTTATACAAACAGGGTTTCACCATGTTGCCCAGGCTGG
TCGTGAACTCCTGGGCACAAGCGATCCACCCGCCGCCTCCTCCCAGAGTGCTGGGACTAC
AGGTGTGAGCCACCGCTCCTGGCCTAATCCCCTTTCTCTATTTGAATATCTAGTGTTAGA
ATCTGAAAACTAGAATGTGTGTGGCTTCTTGGTTTTTGAGACAGGGTCTCGCTCCGTGGC
CTATGCTGGAGAGCAGTGGTATGAACATGGCTCACTGCAGCCTTGATCGACTTCTTGGGC
TCAAGTGATCCTCTCACCTCAGCTTCCCAATTAGCTGGAACTAGAGGATGGGCCATCACG
CCTGGATAATTTTCAAATTTTTTGGAGAGGAAGTCTCACTACACTATGTTGCCCATGCTG
TTAGAATGTGGGGTTTTTAGGATCTGCAGATCATGTTGAAAAGCAACATTCATTAGCTGC
TTAAAAACAGAATTAATCTGCTTTAATACAAATTTAACTTTTTAGTAATTTAAATTTTAT
GAGAAATCAACACCAATGTCAAGCATTAACAAATCATAGCATCCACTTTCTATTAATATA
TAAGCCCAAATTTGTGGGATTTGACATGGGAATTCTAGG

Restriction Sites: NotI-NotI

ACCN: NM_197964

Insert Size: 2500 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).

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:	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:	NM_197964.1, NP_932068.1
RefSeq Size:	1044 bp
RefSeq ORF:	342 bp
Locus ID:	154791
UniProt ID:	Q96HJ9
Cytogenetics:	7q34
Gene Summary:	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] 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.