

Product datasheet for **SC123853**

CFAP47 (NM_152632) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CFAP47 (NM_152632) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFAP47
Synonyms:	CHDC2; CXorf22; CXorf30; CXorf59
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_152632 edited

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GGCTACCGAGAGGGCAGCCATGAACACCCAAAAGGGTTCCTCACCATAAACGTCCACAG
AGGTTCCCTCGCCATGAGCATCCAAAGGGGTTCCCTCGTCCCCGGGATATGGATAGCTC
GGGTAGAGACATGCAGCTGCGGGTGATCCCGGCTGAGGTGAAGTTCCTGGACACGATGGC
CGGGAGGGTGTACCGCCTCCCGATTACTGTGCATAATATTTGCCGCTGGAACCAGAAAAT
CCGATTTAAGGAGCCCGTCAAGCCACAGTTCAACTGATGTTGACCAGTCTGGATAAAGA
ACTTGCTTCTGGCCTTCAGATGACAGCTATGGTGAATATCATCTGATAAAGACGAAGA
CACTTTTGACCGCTACTTATTTCAATAGAAAATAAACACAGAAATTCCTCTAATTGG
GTTGATTCATCTGTCAATTGGAAATTGAATCAGTAGTTAATTTTGGCACACTGGTTGC
CAATAGTAAAGTATATTCTAAAGAGATTACTATCACTAACCATGGCAAAGCTCCAGGCAT
ATTTAAGGCAGAATACCACGGCCAATTACCCATCTCATTTTTTCCAAGTGGTATCGT
GGATGCTAAGTCATCAATGGTTATTAAAGTAGATTTCTGTGCAGACCAGCCAAGAATTGT
AGATGAAGAGGCAATAGTGATTTTGCAAGGTCAACCTGAGATGCTCTTGAGTATCAAAGC
TCATGTGGTTGAGCAGATTATTGAATTATTAAGCATGAGTAGTGACAGAAGGCTGGAATG
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ATTGGGTACAGATATTCAACAAAGAACAGATATTGCTTTAAATAATCTCACCTACATAAG
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AGCTTTCAACAGCATCTGTAAAGCTTCCACCAAGAAAGTTGTGATGAAATTTGATCCTGG
TATATTGCCTTCGATCCGTAATCCCACGGGAAAGTTTGTGGTCAAAGACTTGGCAAAACG
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CTCATGTGAAGAGCCAGTGAAGGATATGCTATTAGCCTTTCCCAATGACCGAGCTGCAAC
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ATTGAAATGAAATATTTTATTAAAGAGACACAAAAGTATTTTCAGAGAATATACTTGAT
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AGTCCAGAGGGCCTTAAATTCATGACTCAATCACCAAGCATGATTTTACATGTGTACAA
ATTTCCCACTCAATGTTCTTAGAAATATTAAGAAGCCAAATGCTCTTTTACTAAACCCC
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CCTCAAGAGATGAGAAATTCATCTACTTTTGTAGTGGCAAGTGACAGAACTCAGTATGG
TTTTTCTTCTAAGCCTAAAATAAGCTGGGTCTACTACTTTTCATTATGTGTAATTAGT
TTTATTTTTTAAAACTTTCTATTGAAGTATAACATGCATATGTATATGTATATGTGGAG
AAACATGAAGTGATTAATAAATAATTCATTTGTTTGTCAATCATATAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG

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**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_152632 unedited

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ATCTTTGCGTCTGGGGCCCCCTCCTCGCTGTTTTGACCTCCTAGAAGACCCGGGACCGAT
CCAGCCTCCGGACTCTAGCCTAGGCCGCGGGACGGATAACAATTTACACAGGAAACAGC
TATGACCATTAGCCTATTTAGGTGACACTATAGAACAAGTTGTACAAAAAGCAGGCT
GGTACCGGTCCGGAATCCCGGGATGGCTACCGAGAGGGCAGCCATGAACACCCAAAAGG
GTTCCCTCACCATAAACGTCCACAGAGGTTCCCTCGCCATGAGCATCAAAGGGGTTCCC
TCGTCCCCCGGGATATGGATAGCTCGGGTAGAGACATGCAGCTGCGGGTGATCCCGGCTG
AGGTGAAGTTCTGGACACGATGGCCGGGAGGGTGACCGCTCCCGATTACTGTGCATA
ATATTTGCCGCTGGAACCAGAAAATCCGATTTAAGGAGCCCGTCAAGCCACAGTTCAAAC
TGATGTTGACCACTCTGGATAAAGAATCTGCTTCTGGCCTTCAGATGACAGCTATGGTGG
AATATCATCCTGATAAAGACGAAGACACTTTTGACCGGCTACTTATTTCAATAGAAAATA
AAACAACAGAAATTCCTCTAATTGGGTTGATTCCATCCTGTCAATTGGAATGAATCAG
TAGTTAATTTTGGCACACTGGTTGCCAATAGTAAAGTATATTCTAAAGAGATTACTATCA
CTAACCATGGCANAGCTCCAGGCATATTTAATGCAGAATACCACGGCCAATTACCCATCC
TCATTTTTCCAAGTAGTGGTATCGTGGATGCTAAGTCATCAATGGTTATTAAGTAGATT
TCTGTGCAGACCAGCCAAGAATTGTAGATGAAGAGGCATAGTGATTTTGAAGGTACCT
GAGATGCTCTGATATCAAAGCTCATGTGTTGAGCAGTTTATTGATTT

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Restriction Sites:

Please inquire

ACCN:	NM_152632
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:	<u>NM_152632.1</u> , <u>NP_689845.1</u>
RefSeq Size:	3523 bp
RefSeq ORF:	2265 bp
Locus ID:	286464
UniProt ID:	<u>Q6ZTR5</u>
Cytogenetics:	Xp21.1
Protein Families:	Transmembrane
Gene Summary:	While this gene is well-supported by transcript data, no functional information on its protein product is currently available. [provided by RefSeq, Dec 2009] Transcript Variant: This variant (2) lacks multiple exons in the central and 3' coding regions, and its 3' terminal exon extends beyond a splice site that is used in variant 1. This results in a novel 3' coding region and 3' UTR, compared to variant 1. It encodes isoform 2 which is significantly shorter, and has a distinct C-terminus, compared to isoform 1.