

Product datasheet for **SC116921**

SFRS17A (AKAP17A) (NM_005088) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SFRS17A (AKAP17A) (NM_005088) Human Untagged Clone
Tag:	Tag Free
Symbol:	SFRS17A
Synonyms:	721P; AKAP-17A; CCDC133; CXYorf3; DXYS155E; PRKA17A; SFRS17A; XE7; XE7Y
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC116921 sequence for NM_005088 edited (data generated by NextGen Sequencing)

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ATGGCAGCGGCTACCATCGTGACGACACGTCTGAGGCCGTGGAGCTCTGCCCTGCTTAC
GGCTTGACCTGAAGCCCATCACCAGATGACCATCAGCGTGGCACTCCCGCAGCTGAAG
CAGCCGGGGAAGTCCATCTCCAAGTGGGAGGTGATGGAGAGGCTGAAGGGCATGGTGAC
AACCACCAAGTTCTCCACGCTGCGTATTTCCAAGAGCACCATTGACTTCATCCGCTTCGAG
GGGGAGGTGGAGAACAGAGCCTGGTCAAGTCTTTCTGGCCTGCCTGGACGGCAAGACC
ATCAAGCTCAGCGGCTTCTCCGACATCCTGAAGGTGCGCGCGGCCGAGTTCAAGATCGAC
TTCCCCACCCGCGACGACTGGGACTCCTTCTTCCGCGACGCCAAGGACATGAACGAGACC
CTGCCGGGGGAGCGGCCGACACCATCCACCTGGAGGGGCTGCCCTGCAAGTGGTTCGCC
CTGAAGGAGTCGGGCTCCGAGAAGCCAGCGAGGACGTCTGGTCAAGGTGTTTGAGAAG
TTCGGGGAGATCCGAATGTGGACATCCCATGCTGGACCCCTACCGGGAGGAGATGACG
GGCCGCAACTTCCACACCTTCAGTTTCGGGGGGCACTTGAAGTTCGAGGCCTATGTGCAG
TACCGTGAGTACATGGGCTTCATCCAGGCCATGAGCGCCCTGCGCGGGATGAAACTCATG
TACAAGGGCGAGGACGGCAAGGCGTGGCCTGCAACATCAAGTTTCTTTTGATTGACG
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CTGGAGCAGCAAGAGAAGAACAAGGCGCAGAGAGAAGGAAGCGGAGGAGAGGCAGCGA
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AGCAGAGCCAAGGCTGTGAAGCTACGGGAACAGGAGCAGAAAGGAGAGAAGCTGAGGCTC
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CGGGAGCCAGCAAGGGCCGGGGCCGGGCCACCGAGACGGGCTTGCTGACCGGCACAAG
CGGGAGAGGAGCCGGGCCAGGCGGGCCAGCAGCAGGGAGGACGGGAGGCCACGCAAGGAG
CGGCGGGCCCCACAAGAAGCAGCCTACAAGGATGACAGCCCCCGCGGCGCAGCAGGAGC
CCGGACCACACCCGGTCCCGGAGGTCCACAGCAAAGCAGGCACCGGAGGGAGCGGAGC
CGGGAGCGGAGGGGAGCGCCAGCAGGAAGCAGCCGCCACCGCCGCGCAAGCGAGCGG
TCGCGCTCCCGGTCCCCGAGCAGGCACCGCAGTACCTGGAACAGGTAA

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Clone variation with respect to NM_005088.2
666 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005088 unedited
 GGGGTTGACATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCTTGGGC
 CAGCGGCGGCGGCGGCGCTGGGACGACGCGGAGCCCCGCGCAGGCCCAAGGTCCCGGAGG
 CTATGGCAGCGGCTACCATCGTGACGACACGCTGAGGCCGTGGAGCTCTGCCCTGCTT
 ACGGCTTGTACCTGAAGCCCATCACAAGATGACCATCAGCGTGGCACTCCCGCAGCTGA
 AGCAGCCGGGGAAGTCCATCTCCAAGTGGGAGGTGATGGAGAGGCTGAAGGGCATGGTGC
 AGAACCACCAAGTCTCCACGCTGCGTATTTCCAAGAGCACCATTGACTTCATCCGCTTCG
 AGGGGGAGGTGGAGAACAAGAGCCTGGTCAAGTCTTTTCTGGCCTGCCTGGACGGCAAGA
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 CCCTGCCGGGGAGCGGCCGACACCATCCACCTGGAGGGGCTGCCCTGCAAGTGGTTTCG
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 AGTTCCGGGAGATCCGGAATGTGGACATCCCCATGCTGGACCCCTACCGGGAGGAGATGA
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 AGTACCGTGAGTACATGGGCTTCATCCAGGCCATGAGCGCCCTGCGCGGNATGAACTCA
 TGTACAAGGGCGAGGACGCCAGGCCCGTGCCTGCCACATCAAGGTTTCTTTTGAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005088 unedited
 CGGCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTCATTGGAAAGGATTTTA
 TTTACCATAAAAATGCAAACTGGGAATAAACACCATCTTTCCTAACGCAACGTTACAG
 CTATTTTTAGGTATTTCTGAGCTTCACTTGGAGAAGCAAACGATTATAAAACAAGTTTGC
 AGCCTGAAATCTGTTTGAACATTCCAAGTAAAAATAATTTAGCAAAACAGCTTCTTAAA
 AAAACCACACACACTAACCTTTACTAGAAACCAAAGCTTTTAACCAATCTTTTTATGCT
 TAATTCCTTGACGTTGTAAAAAGTGAATGTTTTTGAAGGAGCATCAGACATTTTGTACC
 ACTCCCCACATACCGACACCTTAAAAAGAACGGCCCGTTTGAGTTTTGATCTTAAAGGAC
 TTGTACCTTCCTCATCCGTGACTCAATGTCAGCAGCAGGATTCGGCATCCCAACCAAACT
 GCACCTTCTGATCAGTTAACATTACAAACGGGGGGGAAAGAAATCACCAGGGCAACGCTTT
 CTTTTAGTGCCAGTGTGACTATGGTGGCCCGTGACCTCCTAGGCCGTGCACGCAGGGA
 GGTCCGAAGCAGACACAGAAATCCCGTGTGGGGGAATGCAGCAGCTCTGCCATCCTCA
 CGACTGTGCGTCTGTGCAATTTTCTGACTGAGAGAGGACCGGCCGATTAAAGTATCG
 GATCAAGTTTTAAAGGACTACGTGTTTGAAGTGAAGTGCCAAAGTACGCTGCGGTGAGTG
 GAGAAAGATGGATCTCTAAAGCATGGTGTCTTCTTCTAGCCGCGGGCTCCGTGGACAT
 TCGTGGGTGCAAAGNNTTCTTGGCTTTGCAAGGGTGGCACGAAAGCGNCCAANGANNCG
 CCAGAAAGCTCGNAGCAGTCCTGGTCCTTTCCGAANGNCGTNGGANAGCCGGCCCGTT
 ATACCCTGTTCACTACTGCGNGCCT

Restriction Sites:

NotI-NotI

ACCN:

NM_005088

Insert Size:

3240 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:	<u>NM_005088.2, NP_005079.2</u>
RefSeq Size:	3227 bp
RefSeq ORF:	2088 bp
Locus ID:	8227
UniProt ID:	<u>Q02040</u>
Cytogenetics:	X;Y
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	This locus encodes a protein kinase A anchoring protein. The encoded protein is part of the spliceosome complex and is involved in the regulation of alternate splicing in some mRNA precursors. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Sep 2010] Transcript Variant: This variant (1) encodes the functional protein.