

Product datasheet for **SC111444**

FAM130A1 (CSRNP2) (NM_030809) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM130A1 (CSRNP2) (NM_030809) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM130A1
Synonyms:	C12orf2; C12orf22; FAM130A1; PPP1R72; TAIP-12
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111444 sequence for NM_030809 edited (data generated by NextGen Sequencing)

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ATGGATGCATTACGGGCTCGGGTCTCAAGAGGAAGTTTGTATGATGTGGATGTGGGCTCA
TCAGTTTCCAACCTCAGATGATGAGATCTCCAGCAGTGATAGTGTGACAGCTGCCACAGC
CTCAATCCTCCTACCACTGCCAGCTTACACCCACATCCATCCTGAAGCGGCAGAAGCAG
CTGCGGAGGAAGAATGTACGCTTTGACCAGGTGACTGTATACTACTTTGCCCGGCCCAA
GGTTTTACCAGTGTGCCAGCCAGGGTGTAGTCTCTGGGCATGGCCAGCGCCATAAC
TCTGTACGGAGCTATACACTCTGTGAGTTTGCCAGGAACAGGAGGTGAACCATCGAGAG
ATTCTGCGTGAGCACCTGAAGGAAGAGAAACTCCATGCCAAGAAAATGAAGCTGACCAAG
AATGGGACAGTGGAGTCCGTGGAGGCTGATGGCCTGACGCTGGATGATGTGTGATGAA
GATATTGATGTGGAAAATGTGGAGGTGGATGATTACTTCTTCTGCAGCCTCTGCCACC
AAACGGCAGCGGGCCCTGCTGAGGGCTTCTGGGTCCACCGTATTGATGCTGAAGAGAAG
CAAGAACTTCGAGCCATCCGCTGTACGGGAAGAATGTGGTTGTACTGCCGACTGTAT
TGTGACCCAGAAGCGTGTGCTGCAGCCAGGCTGGGATTAATGCCAGGTGGATCGCATG
TCCTTTCCATGTGGCTGTCCCGGATGGCTGTGGGAACATGGCAGGACGCATTGAATTT
AATCCAATCCGGGTCCGACTCATTACCTCCACACCATTATGAAGCTGGAGCTGGAGAGC
AAGCGGCAGGTGAGCCGCCAGCAGCCAGATGAGGAGCCCTCCCGACTGCCAGTTGC
AGCCTGACAGGAGCACAGGGCTCTGAGACCCAGGACTTCCAGGAGTTCATTGCTGAGAAT
GAGACAGCAGTGTACCTGCAGAGTGCAGAGGAAGTGGAGCGGCTCAAGGCAGAAGAA
GATTCAGCGGCTCTAGTGCCAGCCTGGACTCGAGCATCGAGAGCCTGGGTGTGTGCATC
CTAGAGGAGCCTCTGGCTGTCCCGAAGAGCTGTGCCAGGCCTTACAGCCCCATTCTC
ATCCAGGCTCAGTGTCCCGAGGCTCCTCTGTCTGTGTTTTACCGAGAAGTCAAGACC
CCAAGTGCCTCAACGGTGAACAGCCCATCTACTTGAACAGTGGGCCCCCTGGTCTATTAT
CAAGTGGAGCAGAGGCCAGTCTTGGGAGTGAAGGAGAGCCTGGTACGGAAGAAGGCTCA
GCCTCTTCCAAAGGAGAAGGATCTGAATGTCTTCTCTCCCTGTTACCTCACTCGTG
GCTTGTAGCTCCACAGACCCAGCTGCCCTCTGTAATCAGAGGTGGGAAAAACCCACC
CTAGAAGCTCTATTGCCCGAAGATTGTAACCCTGAGGAGCCTGAAAATGAAGACTCCAC
CCTTCTGGTCCCGCTCAAGCCTCCCTTCCGCACGGACAATGAAGAGGGCTGTGGGATG
GTGAAGACCTCCAGCAGAATGAGGATCGGCCCCCTGAAGATTCTTCTTAGAATCCCT
CTGGCAGTGTGA
    
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Clone variation with respect to NM_030809.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_030809 unedited
CAGAAAATTTGTAATACGACTCACTATAGGGCGGCCCGAATCGGCACCAGCCGAGTTGC
CGGAGACGCCCCGGCCCTCTCTGCCTGCCGGCTGGGCTGCCACCGCCCTCCCTCCCCGCC
CTGCCCGCTGGGAGCTCCCGGCGTGCAGCGGGGCCGGGACTCGCTCGCTCCTCCC
TCTTCCACCGGCTAGGGCGGCGCGCAGCGGGGGCCGAGAGACCATCACGGGAGG
AGGCAGCTGCGGCGGGCCGAATCCTAATGTACCTGGCTAGCTGGTGGTGGTGGTGGTGGT
TTGGGGCCAACCTGGTGGGCTCCCCAAGGAAACCCCTTTGAAACCAATGGATGCATTAC
GGGCTCGGGTCTCAAGAGGAAGTTTGTATGATGTGGATGTGGGCTCATCAGTTTCCAAC
AGATGATGAGATCTCCAGCAGTGTAGTGTGACAGCTGCGACAGCCTCAATCCTCTAC
CACTGCCAGCTTACACCCACATCCATCCTGAAGCGGCAGAAGCAGCTGCGGAGGAAGAA
TGTACGCTTTGACCAGGTGACTGTATACTACTTTGCCCGGCCAAGTTTTACCAGTGT
GCCAGCCAGGGTGGTAGCTCTCTGGGCATGGCCAGCGCCATAACTCTGTACGGAGCTA
TAACTCTGTGAGTTTGCCAGGAACAGGAGGTGAACCATCGAGAGATTCTGCGTGGAGCA
CCTGAAGGAAGAGAAAATCCATGCNCAAGAAAATGAAGCTGACCAAGAATGGNGACAGTGG
AGTCGGTGGAGGCTGATGGCCTGACGCTGGATGATGTGTGATGAGATATTGATGTGGA
AATGTGGAGGNTGGATGATTACTTNTTCTGCAGCCTCTGCCACAAACGGNGACGGNCC
CTGCTGAGGGCTTCTGGGNTCCACGTNATNGATGCTGAANAGAGCAAGAATCCAGCAT
NCCGCTGTACGGGAGAAGAG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_030809 unedited NNNCCCTCTGTGNACCCGGCCGATTTCNANGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTCCTTTGGAAATTCCTTTAATAATAACATTAATAAATTTCTTTTTAA ATACAGCATTATCACAAGGTAAAAACCTAAGGGGAAAAATTTTTTCAAAAAACCAAAC AAGCTTTGGATTACATTGAAAACTACCTGGGTCCAGTATGGGAAAAAGGAAATTGGA AAATAATAAGGGTTGGGAAATAAAAGTCATTTATCTAGGCCTAAACTGGGACTGAAGCT ATCTGCTTTTATGATCAAAGGCCTACCTTTCCTACCACCCATGACCTAAAATTCTGCCCA ACTCAGGTAGCCCAAAAAGGAAATGGACTAGGTTGTAATAAAGGCCTTTCGTTTGACAA AACAGTTAAGGCTAAAGTTAATATTAACCCCTTAAAAAGTTGGGGATCAGGGGGAGCCAC AACTGTAAGTTAATGAAGGGGATGGCCTTAAATTAAAAACCTACAGTTCTCAAAACCA TATCTTGGGGTTGGCACTGACCTTAAATAATCACAACTCATATCCCTGGTTGGACCCC AAAACCTACTGTGCCCAATCGGGCAGCTGGAATCAACTCCCTAAAATAACCCCACCCC TCTCTGCAGAAACCAGGGCAAACCTCACCTCCCCTTCCAGACACACCTGTAACAAACC TCTTTTCCCCAAGACCCCTCCCCACTACCCCTCCCCCTCGCCTCCGGGGACCCCC TCCTCAGGTCCGGCAACCAAGCTTCCCTCCGGTACCCAACAGAAATCTCAGCCCCTACC AACTTTCACCCGGGCCACCCAACCCTCCCGCCCCGGTCAACACCCTACCCGGTCCT CTACTCCACATCCCCCTAAC
Restriction Sites:	NotI-NotI
ACCN:	NM_030809
Insert Size:	4960 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:	<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:	NM_030809.1 , NP_110436.1
RefSeq Size:	4469 bp
RefSeq ORF:	1632 bp
Locus ID:	81566
UniProt ID:	Q9H175
Cytogenetics:	12q13.12

Gene Summary:

The protein encoded by this gene belongs to the CSRNP family of nuclear proteins that share conserved regions, including cysteine- and serine- rich regions, a basic domain, a transcriptional activation domain, and bind the sequence 'AGAGTG', thus have the hallmark of transcription factors. Studies in mice suggest that these genes may have redundant functions. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2011]

Transcript Variant: This variant (1) represents the protein-coding transcript.