

## Product datasheet for SC113363

### FAM114A2 (NM\_018691) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM114A2 (NM_018691) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM114A2
Synonyms:	133K02; C5orf3
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018691, the custom clone sequence may differ by one or more nucleotides

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ATGTCAGATAAAGATGATATTGAGACTCCACTGCTAACTGAAGCAGCCCCATCCTTGAAGATGGAACT
GTGAGCCAGCCAAGAATTCTGAGTCTGTTGACCAAGGTGCCAAACCAGAGAGTAAATCAGAACCTGTAGT
TTCCACTCGGAAAAGACCAGAGACCAAACCTTCCAGTGACCTTGAGACTTCAAAGTTCTCCCTATTCAG
GATAATGTTTTCAAAGATGTACCCAGACCAGATGGGGTTATTGGGGGAGCTGGGGCAAGTCCATACTCT
CCTCAGCCTCGGCTACAGTAGCTACAGTAGGACAAGGCATTTCAAATGTCATCGAGAAGGCAGAGACTTC
CCTTGGAAATCCCTGGTCCAGTGAAATTTCAACTGAAAGTCAAGTATGTAGCAGGAGAGACAAATGCCAAA
GAGAATGAAAACCTCTCCCAAGTGGCTGGGGCATTGGTGTATTCTCTACCATCTCTACTGCTGTTCAGA
GCACAGGAAAGAGTGTTATAAGTGGGGTGGATGCCTTAGAATTCATTGGAAAAAGACAATGGATGT
GATAGCAGAAGGGGATCCTGGATTTAAAAGAACCAAGGGTCTGATGAACCGAAATGCTACACTATCTCAG
GTTTTACGAGAGGCGAAGGAGAAAGAAGAGATACGGACCTCCAATGAGGTTACCGTGAAACAGACAAGA
AACTCATTATGGGCTACTCTTTGATGAATTTCAAGGCCTTTCACATCTAGAAGCTCTGGAGATGCTTTC
CCAAGAAAGTGAATAAAGGTGAAATCTATCCTTAATTCTCTGAGTGGAGAAGAATTAGAGACTAAAA
GTTGAATTAGAGCAACTCAAAGAACATTTTCTAGCAGAATTTGTGAAGAAGAGGAAGAAAGAGAAAA
AAGGGGATGAAGATTTTACCAAGGACATAACAGAGCTGTTTTCCAGCTGCACGTTTTCTCCAAACCAGA
GAAACTTGCCAGGGCAAGAAATACCGCCACGAATGGATCAGGAAGTCTCTGACCAAGCCATTAGCAGAG
AATGAAGAAGGAGAAAAACAGTCGGAAGCAGAAAAACTGAGCAAGTCAACAAAAATTCAATAGAGGATA
TCCATGCGTTTGAATCCGGAGCCTGGCTGAAGTACTGCTGCTCAATTGAACTATCCACAAAACAGC
TGCATTGGTTCTGCATGGCAGGAAGCAGGAAGTACAGCCATAGAAAGGAGCCAAACTCTTCCAGATG
ACAATTGTGTTGTAAAGAGTTGCTCTCTGTCTAAAGAGTTCACCTACCTGCCTAACAACTGCTGGGG
TCAAAGAAATGGCAGATGCTTAAACCCATTAATCACTGCAGTATTTCTAGAGGCATCAAACAGTGCCTC
CTACATCCAGGACGCTTTCAGCTACTTACCTGTGCTAGAGATCTCTCTCATTGAGAACAAGATTGAA
TCACACAGACATGAGCTGCAGGGCCAGAAACCTTTGTTAGAACATTGA

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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_018691 unedited  
 NTTTCGNCTTTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGGCAGCCGA  
 AGTCGTTAGGGAGGCGGTGACCTGACGGTGGGCGCGGACATCTCGCGCAGGGTCGAGG  
 GCTGTGAAAGCGGTTTAGTGATTGAAGCGCTACGTTTGTGTGAGGAATCTTGTGCTTGT  
 CAGCGCCTGAGAACTTAGTTGGGAGCGGACGTTTACGTCGAATCTCTCGTTTGGGACCC  
 ATTCTTGAATGTGGGAAGAAGTGAGAGCGCATGTTTGTCTATCTAGAGACAGCCGTATTA  
 ATAACGATAGGATACAAACCATACCCCAAGTATGATAGCAGCTGTTAACCTGTGGCG  
 GTTACGTGCCGGTCACTGTTCCAAGCCCTCACATATCGCGTCACTGAATCTTTATAGGG  
 ACCCAGAACTCCATTTGACAGATGAGGAAACGGCGAGGCAGACAGGTGACCTGACTTCCC  
 CACAATCGCTGCAGGACAGGAAGAAAGTAACTCCAGAGCCCGTCTTCTAGCTACTAAG  
 CTGTAAGTCTTCAATTTGGTAAATGGGCGGGTGGAGTGTATATACGTAATATATA  
 TGTGTGTGTGTAAGCGTATGCGTTTTTATTTCTAAAAATATGGCTCAGCCGATTTATT  
 TACAGTTATTGGAATCTTCTCCTCAACTGGGAAAATAACTGGAGGAGAACTACAATT  
 ATTTCTACACGCTTACTACACAATGCCTGGAAGACTTACAAAACTAAATAGTGCAGT  
 TCCACGTAAGTGGTNTTATTCTTTTTTTTTTTTTAACCTTTCTCTANATTATGAATG  
 AGTGAGGAAAGAATGGTACAGTCATTTCTATAACGATAGTATGATTATATAACCACCATC  
 ACCTAAAAAATCTTCTGGCTTACTCANATATCTGCACAAG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_018691 unedited  
 TGTACGCGGCCGCATCTATGATCGGTTTTTTTTTTTTTTTTTAAACATGATTAATACATTT  
 TATTACAAAGTTTTAGAAAGATGAGGGCAGAGCTAACAAATTACCTTAATCATTAAAAA  
 ATCACAAGTTGGAGAATTTTTTAAAAAGAGTGGATACCAAAATAGCTTTTAGGAAGAT  
 GACAGCTTAATAGTCTCTAAATGCTGAAGAGAGCAAAAGAAAGCTTAAGATCTGGAGG  
 ATAAAAGTTATATCAAAAACATGCTAAAGAATACATTAACAACAAAAAGGAAAGAGG  
 AAAAAATAAACTATGCCTTAGAAGTTAAATCCTATCATAAATGAACATCATTTCTAAAGG  
 ACTATGGCCCACTTCAACTCAACAAAAAAATCCTCATTGCTAAAACAGCTTCAACAT  
 TCTTTGGAGTTTGTGTTAAAGAATTTATCCTGCATATATGGTAGACACGAAACACATC  
 CTGAAGAGACTCAGAATATCTGCAACATAAAAAGTCTTCTTAAATTGCATTTACTGGC  
 CTTGAATCCAGTAGAGTAAGGTTGAGCTATGACATGAAGTGTGTCATCCTGAGGAGGGGG  
 AGCAATTTGAAGAAAAAGGGCACTTTGCTACAGTTAATTCACATGGCTATAATAGTCTCA  
 AGTTTCTCCCAATGCCAAATATCTACTAAGATTTTAAAAAGCAGATGAAACTCTCTAT  
 TTCCAAGATTTGATGTGATAAAGGGTAATTATCACAGAGTTTACATATGCTCAGTTTTTC  
 TAAAGCCCTAAATTTTCAACCAAGGAGAAAGGTCCTTGGCATTATTAACCACCC  
 ATGGCCCTGATTTTTAAACCTAATTTTTTTTCTTCGCCTATCAACCAATTATCTCCAG  
 GGGCTGCATATTTTCCACGAAAATTTGTAACCTTTTTGCAACACGTCAAAGAAGACCA  
 AACTTTTGGCGTGAGTTCCACTAATTTTATTTAAAT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_018691

**Insert Size:**

7040 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\\_018691.1](#), [NP\\_061161.1](#)

**RefSeq Size:** 2886 bp

**RefSeq ORF:** 2886 bp

**Locus ID:** 10827

**UniProt ID:** [Q9NRY5](#)

**Cytogenetics:** 5q33.2