

Product datasheet for **SC301534**

FAM171A1 (NM_001010924) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM171A1 (NM_001010924) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM171A1
Synonyms:	APCN; C10orf38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC301534 representing NM_001010924.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGC
ATGAGCAGGTCCGCGACGCTGCTGTGCCTGCTGGGCTGCCACGTCTGGAAGGCGGTGACCAAGACG
CTGCGGGAGCCCGGCCCGGAGCCCAAGAGGTGACGTTAAAGGTGCACATCAGCGACGCCAGCACCCAC
CAGCCCCGTAGCAGATGCGCTCATCGAGATCTTACCAACCAGGCCCTCATAGCCTCTGGACCTCGGGG
ACTGATGGCGTCGCCTTTATCAAGTTCCAGTATAAGCTGGGCAGTCAGTTGATTGTACCCGCTCGAAG
CATGCCTACGTGCCAAACTCTGCCCCATGGAAGCCAATCCGGTTACCTGTATTTTCTCTGTAGCCTT
GGCCTGCTTCAGAACGCTCTGCCACTCTAATGGTATATGAAGATGTCGTCCAAATAGTATCAGGATTC
CAAGGTGCCCGGCCACAGCCTCGCGTTCATTTCCAGAGAAGGGCTCTGAGGTTGCCTGAGAACACCAGC
TACAGTGACCTGACCGCGTTTCTACGGCCGCCAGCTCCCCTCGGAGGTGGACAGTTTCTTATTTG
CGAGGATTAGACGAAATGGAACAGGAACAGCACCAGGCATGACCTGACCCAGTCACAGCCGTCAGC
GTCCACTTGCTGAGCAGTAATGGAACGCCGGTGCTGGTGGATGGTCCCATCTATGTCAGTGTGCCCTG
GCCACGCAGAGCAGCCTGAGGCACAATGCCTATGTCGCGCGCTGGCGGTTTGACCAGAAGCTGGGAACG
TGGCTGAAGAGCGGTCTGGGTCTTGTGCCACGGAAGGCAGCCAGCTGACGTGGACATACATTGCCCCC
CAGTTGGGGTACTGGGTGGCCGCATGTCCCCTCCCATCCAGGTCCCCTTGAACACAGGACATTACC
ACGTATCACACGGTGTTTCTTTTGGCCATTTTAGGAGGAATGGCTTTCATACTTTTGGTTTTGCTGTGT
CTCCTTTTATATTATGACAGGAGGAAGTCTTGAACCTCGTCAGCACCACAGAAAAGTGCAGCTCCCT
GCAGGACTGGAGAGTTCCAAAAGAGACCAAGTCCACGTCCATGTCACACATTAAGTTGCTGTTTTACGC
CGAGCGTCAGAATTCCCTGGCCCGCTGTCCGTACCCAGCCACGGCCGCCCGAGGCCCGGCCACGAAG
GAACTGATGAGTGGAGTCCATTTGAAAATGATGTCTCCGGCGGGCAAGGGGACCTGCACACCCCATG
CTCAAGCTCTCCTACAGCACCTCCAGGAATTTAGCTCCCGGGAGGAGCTCCTCTCTTGAAGGAAGAG
GATAAAAGCCAGATCTCCTTTGATAACCTCACTCCAAGTGGGACGCTGGGAAAAGACTACCATAAGTCA
GTGGAGGTTTTTCCCTTAAAGGCAAGAAAATCTATGAAAAGAGAAGGCTACGAGTCTCGGGCAATGAT
GACTACAGGGTAGTTACAACACCGTGCTCTCACAGCCTTTATTTGAAAAGCAGGACAGAGAAGTCCA
GCCTCCACGGGAAGCAAACTCACCATTAGGAACATCTGTACCCCGCGCTTCATCACCTGAGAAAGAA
CAGCTGCTGGACCGCAGACCACTGAATGTATGATGTCGCGATCAGTAGATCACCTCGAGAGACCTACG
TCCTTCCACGGCCCGGCCAGTTAATCTGCTGCAGTCTGTGACCAAGTCAATGACAGCGTTTACAGG
AAAGTACTGCCTGCCTTGGTCATCCCGGCTCATTATATGAAACTCCCGGGGACCACTCCTATGTCAGC
CAGCCCCCTCGTCGTCCCGGCTGATCAGCAGCTTGAGATAGAAAAGACTACAGGCTGAGCTGTCCAATCCC
CATGCCGGGATCTTCCACACCCGTCTCACAGATCCAGCCCCAGCCCCGTCTTCCACAGGCCATCTCT
CAGCAGACCTGCAGGATGCGGGCACCCGGGAGTGGAGCCCTCAGAACGCATCCATGTCGGAGTCTCTC
TCCATCCACAGTTCCCTGAACGACGCGGCTTTGGCTCAGATGAACAGTGAGGTGCAGTCTCTGACTGAA
AAGGCCCTGATGGAGCTTGGGGGTGGGAAGCCGCTTCCGCACCCCGGGCGTGTTCTGCTCCTTGGAT
GGCAGGTCCAACGCTCACGTTAGACATTCATACATTGATCTCAAAGAGCTGGAAGGAACGAAGTAAT
GATGCCAGTTTGGACTCTGGCGTAGATATGAATGAACCAAAATCAGCCCCGAAGGAAGGGGAGATGCT
TTGTCTCTGCAGCAGAACTACCCGCCGTCCAAGAGCACCAGCAGAAAAGAGCCTCGAGCCCCAGACAGC
ACGGCCTACACGCAGCTCGTGTACCTGGATGACGTGGAACAGAGTGGTAGCGAATGTGGACCAACGGTC
TGTACCCCGGAGGACAGTGCCCTGCGATGCTTGTGGAGGGGTGAGTCGGAGAAGTGGTGGCCAGCTG
CCCAGCCTGCAGGAGGAGACGACCAGACGGAAGTGCAGTGCCTCCCTCGGAGCCAGCAGCCAGCCCCAC
CAGAGAAGATCTGCCACGAGGAAGAGGAAGACGATGATGATGATGACCAAGGAGAAGACAAGAAAAGC
CCCTGGCAGAAACGGGAGGAGAGGCCCTGATGGCGTTTAAACATTAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI
ACCN: NM_001010924
Insert Size: 2673 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001010924.1</u>
RefSeq Size:	3964 bp
RefSeq ORF:	2673 bp
Locus ID:	221061
UniProt ID:	<u>Q5VUB5</u>
Cytogenetics:	10p13
Protein Families:	Transmembrane
MW:	97.9 kDa
Gene Summary:	Involved in the regulation of the cytoskeletal dynamics, plays a role in actin stress fiber formation.[UniProtKB/Swiss-Prot Function]