

Product datasheet for **SC106994**

FAM171B (NM_177454) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM171B (NM_177454) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM171B
Synonyms:	KIAA1946
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_177454, the custom clone sequence may differ by one or more nucleotides

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ATGGCGAGGCTCTGCCGGCGTGTCCCCTGCACCCTGCTTCTCGGCCTGGCCGTGGTGTCTGCTGAAAGCGC
GGCTGGTCCCCGCGCCGCCAGAGCGGAAGCTCAGCCGCTCCGACCTCAGCCTCATCCAACAGCAGCAGCA
GCAGCAGCAACAACAACAACAACAGCAAAAGCAGCTGGAGGAGGCTGAGGAGGAGAGGACAGAGGTGCCT
GGGGCAACCTCCACCTTGACGGTTCCAGTGTCTGTATTTATGTTGAAAGTCCAGGTGAATGACATCATCA
GTCGTGACGTACCTGAGCCAAGCAGTTGTAGAAAGTGTGTTGTAAGTACACGAAGACAAATCCACAGTAAC
TAAAGCAATGGAGCAGTGTGATAAAAGTACCCTACAAATTAGGACTTAGTTTAACTATTATTGCTTAC
AAAGATGGCTACGTGTTGACCCCTCTGCCTTGAAAACAGAGAATGCCAATATATTATCAGTTACAC
TTTCACTGTTCCCGCAAAGCCAAGCAAATATATGGCTATTTGAAGACACTGTTTTAATTACTGAAAATT
AGCTGATGCCAAGTCTCAACCAAGTGTTCAGTTTTCAAAGCCTTAATTAAGTCTCTGACAACCATCAT
ATTAGCAACGTTACTGGCTATCTTACAGTCTACAACAGTTTTTGAAAGTGGACAATTTTCTGCATAAA
CTGGAATTACTCTCAATAAACAGGTTTTGAAAACATTGAATTGACTCCTTGTGCAATATGTGTGAA
AATATATTCTGGAGGAAAAGAACTAAAGTCAATGGCTCTATTCAAGTTTCTTCTCTTCTACGTCTG
AATGATATAAGTGCAGGGGATCGCATACCTGCTTGGACATTTGATATGAACACAGGTGCTTGGGTAATC
ATGGTCCGGGAATGGTCAAGGAACATAACAATCATTTAATCTGGACATATGATGCACCACATTTGGGGTA
CTGGATAGCAGCTCCACTTCCAGGAAGTACAGGTTTCAAGTATAAATGAAGATTCCAAGGACATAACTGCC
TACCACACAGTGTCTTACAGCCATATTAGGAGGAACAATAGTCATTGTGATTGGATTTTTTGTGTAC
TACTTTGTTATTGAGGACAAGTGTGGTACTCCACAGAAAAGAGAAAAGAAATATCACTAAACTTGGGT
CCTCAAGAGAGACCAGACAACCTCAACAACACACATAAATCATATCAGTACAGTTAAAGTTGCATTAATA
GCTGAGGACAAGTCGCAGTTTATCAATGCCAAAACCTCCTCATATAGTCCTCAGAAAAGGAACCATCAA
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TCCAAACAACCTAAACATATTAACAACAATCTATCTTCTCTAGGTGATGCTCAAGATGAAAAGAGGT
ATCTCACAGGTAATGAGGAGGCGTATGGGCGTTCCCATATTTCTGAACAGCTTATGCATATTTACAGCCA
ACCCATTGCCATCCTTCAAACATCTGACCTTTTCTCCACACCGGAACAATTACATACTGCTAAGTCAGCT
ACTTTGCCAAGAAAGGGACAGTTAGTCTATGGCCAATTGATGGAACCAAGTAAATCGAGAGAACTTTACGC
AGACCTTGCCCAAAATGCCAATTCATTCTCATGCACAGCCCCAGATGCCAGGGAAGAGGATATCATACT
TGAAGGTCAACAGAGCCTGCCATCCCAGGCTTCAGATTGGAGCCGATACTCAAGCAGCTTACTGGAATCC
GTCTCTGTTCTGGAACACTAAATGAGGCTGTTGTAATGACTCCATTTTTCATCGGAACCTCAAGGAATTT
CAGAACAGACCCTCCTGGAGCTGTCAAAGGAAAGCCCTCCCCGCATCCCAGAGCCTGGTTGTGTCTCT
TGATGGAAGCCAGTTGCACAAGTGAAGGCACTCCTTTATAGACCTGAAAAGGGCAAGAGAACCCAGAGC
AATGACACCAGTCTGGACTCTGGGGTGGACATGAATGAGCTTCACTCAAGTAGAAAAGCTCGAGAGGGAGA
AAACATTCATCAAAGCATGCATCAGCCCAAGATCCTTTACTTAGAAGATTTAGACCTAAGCAGCAGTGA
GAGTGAACCACCGTCTGTTCCCTGAGGACCCAGCTTTAAGGCACATCCTAGATGGAGGGAGTGGAGTG
ATCATGGAGCACCTGGAGAAGAGTCGCCAGGAAGGAAAAGCACTGTTGAAGATTTGAAGCTAATACAT
CCCCACTAAAAGAAGGGGCAGACCACCACTAGCCAAAAGAGATAGCAAGACTAACATCTGGAAGAAGCG
AGAGGAACGCCACTGATTCCCATAAATTA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_177454 unedited ATTTGTAATACGACTTACTATAGGGCGGCCCGGAATCGGCACGAGGCCTCGTGCCGAAT TCGGCACGAGGGAGGGAGTGCTTGGCAGATTGCGCGAGGGGGAGCGAGCGAGCGGGCGCT GCCAGGAGCCCGCAGCCCTGGCGCCCGCCGCGCCCGGAGCCCGCAATATGCCGCGCG GCCCTCTGGCTCTAGGCCATGGCGAGGCTCTGCCGGCGTGTCCCCTGCACCCTGCTTCTC GGCTGGCCGTGGTGTCTGCTGAAAGCGCGGCTGGTCCCCGCGGCCAGAGCGGAACTC AGCCGCTCCGACCTCAGCCTCATCCAACAGCAGCAGCAGCAGCAGCAACAACAACAA CAACAGCAAAAAGCAGCTGGAGGAGGCTGAGGAGGAGAGGACAGAGGTGCCTGGGGCAACC TCCACCTTGACGGTCCAGTGTCTGATTTATGTTGAAAGTCCAGGTGAATGACATCATC AGTCGTACGTACCTGAGCCAAGCAGTTGTAGAAGTGTGTTGTAACACTACACGAAGCAAAAT TCCACAGTAACTAAAAGCAATGGAGCAGTGTGATAAAAAGTACCCTACAAATTAGGACTT AGTTTAACTATTATTGCTTACAAAGATGGCTACGTGTTGACCCCTCTGCCTTGAAAAACC AGAAGAATGCCAATATATTCATCAGTTACTACTNTCACTGTTCCCGCANAGCCAAGCAATA TATGGCTATTTGAAGACTGTTTTAANTACTGGAAAATTAGCTGATGCCAAGTCTCAAC CAAGTGTTCAGTTNTCAAAGCCCTAATNNNACTNNCTGACACCATCATATTAGCAACG TTAGTGGCTATNCCTACAGTCTACCCACAGTTTTGAAAGGG
Restriction Sites:	NotI-NotI
ACCN:	NM_177454
Insert Size:	1320 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:	<u>NM_177454.2</u> , <u>NP_803237.2</u>
RefSeq Size:	3557 bp
RefSeq ORF:	2487 bp
Locus ID:	165215
UniProt ID:	<u>Q6P995</u>
Cytogenetics:	2q32.1
Protein Families:	Transmembrane