

Product datasheet for **SC113675**

FAM222B (NM_018182) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM222B (NM_018182) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM222B
Synonyms:	C17orf63
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_018182, the custom clone sequence may differ by one or more nucleotides

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ATGCTAGCCTGTCTACCAGGGCCAGGTGACCTGTCTTTTCAGCTTCTTTCTCACACGCAGATGAACACTG
GACTTCAGAAATGGGACACTACACAGAAAATGAGAACTGCTCACTATCCTACCCAGCCGAATTGGATGC
GTATGCTAAGAAGGTTCGAAACAACCCACTGACTATAAAAATCTTCCCAACAGTGTGAAGTTCCCCAG
CGGAAACACGTTTCGTCGACTGTGAACGGCCTCGACACATCAGCCAGCGCTACAGCCCCTACCCGACAC
AGGCTGCCACCAAGGCAGGCCTGCTTGCCATTGTCAAAGTGCCAGCCAAAAGCATACTCAAGGACTTTGA
CGGCACCCAGGCCGGTTGCTCCCTGAGGCCATCATGAACCCCCAGTGGCACCCCTATGCTACTGTGGCA
CCCAGCACTTTAGCCACCCAGGCCAGGCTCTGGCCGCCAGCAGGCCCTGCAGCATGCACAGACCC
TGGCCCATGCCCTCCAGACGCTGCAGCACCCCTCAGGGTATCCCGCCACCCAGGCAGTGTCCACCC
TCAGAGCCTCCAGCAGCCTCAGGGCCTGGGCCACCCTCAGCCCATGGCCAAACCCAGGGCTTGGTCCAC
CCTCAGGCCCTGGCTCACCAGGGTCTCCAGCACCCCAACATCCCTTGTGCATGGAGGCCGGAAGATGC
CAGACTCAGATGCCCCCGAATGTGACCGTGTCTACCTCAACTATCCCCTTTCAATGGCGGCCACTCT
GCAGCACAGCCAGCCTCCGGACCTGAGTAGCATCGTGCACCAGATCAACCAGTTTGGCAGACGAGGGCA
GGCATCAGCACTACCTCAGTGTGTGAGGGCCAGATCGCCAACCCAGCCCCATTAGTCGAGTCTGTCTCA
TCAATGAAGCACCCGGGTGTGACCCACAGCGTCCCCACACCAATGCCTTCATGTGTGGTCAATCCCAT
GGAGCACACCCACGCGGCCACCGCCGCTTGCCTGCTGCAGGTCTGTCAACCTGCCACAGGCATCTCT
CGCGTCCCCACTGGCTACCCTAGCGACCTCAAGCCAGTCACTGGAACCAGCACCAGCTGGCCACCTAC
AGCAGATGTGCAGCGAGGCTAGTGGGACGCCAGCCCTGGCTGACAGGCAAGCATGCGGCAGGACGCGA
GTTGGCAGGGCCTGGCTTTGTGGCAAGGCCCTGCCTACCCGCAGGAAGTCTGCCTGGCGCAGTCTTTC
CATCTGAAGCCACCCCTGAAAAGCCGACCCCATCCCCACCAAGTCAACGGCATGGCAGCCCAATGGCCT
ACCCCAATGGTCACTACTTCCAACCCCTGTGGAACAACATTCTGCCACTCCCAATAGCGACAGCTCGGG
GTCTCAGGACCTTGCATGCCGTTCCACGGTGGGACGCCACAGGTGCACCCCTCGACTGTGCGGCAGCT
CCCGGGGCCACTACCGAGCAGGGACCGGGGGCGGTCCAGTGGCAAGCCAGAACAGCTTGTGCAAAACAG
TGGATTACCTAAGTGGGGATTTCCAACAGGCCTGCTTCCGAGAACAGAGCCTGGCCATGTGAGCAAGGC
CCACCGAGCCCTGGCAACCGAGCCCCGATCCACAGAGAGTCAAGTCTTCAATTCAGCACCCAGGG
TATAGATAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018182 unedited

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AGAATTTTGGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCCCCCTCT
CTTCCATCCTCCCGGGGCGGGGTGAGCTGGGCTCAGCTGCCAAGGCGGGCGGGGCGGA
GCCAGGAGCCCCACGGAGCGCTGCGGAGCGAACCTCACCTTCCAGGGCGCAAGTGTGAG
CCACTGCCCATGTTGTGTTGATGCCAATCTGCCATGCTAGCCTGTCTACCAGGGCCAGG
TGACCTGTCTTTTCAGCTTCTTTCTCACACGCAGATGAACACTGGACTTCAGAAATGGGA
CACTACACAGAAAATGAGAACTGCTCACTATCCTACCCAGCCGAATTGGATGCGTATGC
TAAGAAGTTCGAAACAACCCACTGACTATAAAAATCTTCCCAACAGTGTGAAGTTCC
CCAGCGGAAACACGTTTCGTCGACTGTGAACGGCCTCGACACATCAGCCAGCGTACAG
CCCCTACCCGACACAGGCTGCCACCAAGGCAGGCCTGCTTGCATTGTCAAAGTGCACG
CAAAAGCATACTCAAGGACTTTGACGGCACCCGAGCCGGTTGCTCCCTGAGGCCATCAT
GAACCCCCCAGTGGCACCCATGCTACTGTGGCACCCAGCACTTAGCCACCCCCAGGC
CCAGGCTCTGGCCGCCAGCAGGCCCTGCAGCATGCACAGACCCTGGCCCATGCCCTCC
CCAGACGCTGCAGCACCCCTCAGGGTATCCCGCCACCCAGGCAGTGTCCACCCTCAGAG
CCTNACGACAGCCTCAGGGCCTGGCCACCCTCAGCCCATGGCCAAACCCAGGNNCTTGG
TCCACCCCTCAGCCCTGGCTCACCAGGGTCTCCAGCACCCNACNATCCCTTGTGCATG
GNAGCCGNNAGATGCAGACTCAGATGCCCCCGAATGTGACCGTGTCTACCTCAACTTNC
CCCCTTTCATGGNCGNCACTA
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018182 unedited NCCTCGCTCTGGACCGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTGGTG TTTTAAATCCCAAACCTCAATGTGATCATTCTTACCTACCTAATTCCTCAAGTAAGGTA GATTTTGTGGTGTGAGGGGAAAGGATAGGGGCTGTGGGAGGTGAGTTAGGGGACAG GCAACAGTGAGAAAGGGATCTTGGGTATGCTCAAAGGTCACTGTATTTTCTAGGTTTGG AAAGGGGAGTCTGGAACCAAGATGCCAATACAAAGACTTTTTCCCCCATATCTCAAGAA ATGGTCAAATACTTCCAAGATGCCCTTGAGATCAAGTGTGGCAAGGGCAAGTGCAGTGCC TGTGGGATCAATATAGACACAAAACAAAGCCTTGAGGAATGAAAAGGAAGTTGAAGGATA TGAAGACTGGGTGAGCTTTGATTGAGATCCTTCGATGAGTAAGTAATTAGCTTTCAGAG CACCTGGGAAATCTTGCTTCTTAGTCTGGAGGGAGGGGAAGGGGGTAGCAACAGGTAG AGGTCTGGATTAGGGGCTGAGCACCTATACTACCTCACTAGGGCATTCCGTCAGCCCA CACCTTAGTCGTCTAAGGAAACAGGAAGAGATTCAAGAAAAGATGGGTGGGAGCTGGC TGGAAATGGCCAAGGTGGAGAGACTATCTGACAGGCAGTCACTGGAGAAAAGCCTGGGC TTACGCTTAGGCTCTACCTCAAACCCAAAGCTTCTGGTAGGGAAGACCAAAGACCCTT TTGTTTCCCTCTATTATCCCTCCAATCCCTTTCTTACACCTTTAAAAAGATCACCTGT GCCGGAAATTTGAAACTATCCAGTACTTAAAGAACTCAACTAAGAGGCTCATTAGTT GCTTCTCCCTCTGCGGCCTCCCGCTCCTCCTTCTACCTGG
Restriction Sites:	NotI-NotI
ACCN:	NM_018182
Insert Size:	2740 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_018182.1 , NP_060652.1
RefSeq Size:	4213 bp
RefSeq ORF:	1689 bp
Locus ID:	55731
UniProt ID:	Q8WU58
Cytogenetics:	17q11.2