

Product datasheet for SC113839

FAM174C (NM_017914) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM174C (NM_017914) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM174C
Synonyms:	C19orf24
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113839 sequence for NM_017914 edited (data generated by NextGen Sequencing)

ATGGGGCCGCGCTGCTGCAGCCCGCTGCTGCTGCTCCTGCTGGCGCTGCTGCTGGCG
 GCGCTGCCGTGCGGTGCCGAAGAGGNNNNNNNNNNCGCCCCGCGCAGGTACGTTGTCTG
 CCGCCGCGCGCGCTGACGAACGGGAGCCAGCCGGGCGCGCCACACAACAGCACGCACACG
 CGTCCGCGCGGGGCGTCCGGCTCGGCGCTGACGCGCTCCTTCTACGTGATCCTGGGCTTC
 TGCGGCCTGACCGCGCTCTACTTCCTGATCCGGGCGTTTAGGTTGAAGAAGCCTCAGCGG
 AGGCGATACGGCCTCCTCGCCAACACTGAGGACCCACGGAGATGGCCTCGCTGGACAGC
 GACGAGGAGACGGTGTGAGTCCCGGAATCTGAGATGA

Clone variation with respect to NM_017914.3

86 c=>n;87 c=>n;88 t=>n;89 c=>n;90 g=>n;91 c=>n;92 c=>n;93 g=>n;94 c=>n;95 t=>n;96 g=>n


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017914 unedited
 NGGGGAACCGGTGATATTTGTAACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGC
 CGGCGTCAAGCTCCGCTCCGCGCCCCATTGGCTGGCATCACCTCCGCGCGCCTGACTGA
 CAGCGCGCATAGGGGCGGGGCGCCGCCACCGCTTCCGCGGGCCATGGGGCCGCGCTGC
 TGCAGCCGCCGCTGCTGCTGCTCCTGCTGGCGCTGCTGCTGGCGCGCTGCCGTGCGGTG
 CCGAAGAGGCCTCGCGCTGCGCCCCGCGCAGGTACGTTGTGCGCGCCGCCGCGCTGA
 CGAACGGGAGCCAGCCGGGCGCGCCACACAACAGCACGACACGCGTCCGCCGGGGCGT
 CGGGCTCGGCGCTGACGCGCTCCTTCTACGTGATCCTGGGCTTCTGCGGCCTGACCGCGC
 TCTACTTCTGATCCGGGCGTTTAGGTTGAAGAAGCCTCAGCGGAGGCGATACGGCTCC
 TCGCCAACACTGAGGACCCACGGAGATGGCTCGCTGGACAGCGACGAGGAGACGGTGT
 TTGAGTCCCGAATCTGAGATGATGCTGAGCCAGGGAGGCGGCCCTTCCAGCAGCCATGA
 GGGAAAGACAGGAGATGGGGCCACCCAGTGCCAGCAACCCCTGCTCCACCGCTCAT
 TCCCCTGCTGGCCCCGGGCTGGTCTACCCAGTGCCAACCCGAGAGCTCCTTTTGAAC
 CTGCACAGCCCGCGACCTGTTGCACGCCACAACAGGGGGGGGGAATGTNNNNNNNT
 NNNNNNANTNGAAAACTTTCCAATCCTGGAACAAAGGTACCAAGTGAATAACGAGAGT
 GAGACCTACCCAGCAAGACTCCAGTACTATTTAGGAGTTTCATTGTAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017914 unedited
 GCTATGGACCCGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTCAGAGACA
 TGGCTGCATTTATTGTTCCAGCCCGCGAGAAGGTGTTCCAGAAAGGTTCTTGGGTC
 ACCTGCCACCCAGCCTTGGCTCTGGGCTGCCATGTCCACGGGGCAGGAGAGAGGCA
 CAAGTCACAGTCAGGCAAGGGAGCCTCAGCGTCTGGGCGGTGGCTGTTGGGTCCCTCC
 AGTCTTACCTGGGACCCTCGGCCAGGCTGGGACAGCATCCAGGAGGCGAGGCCACCTGC
 ACCACACCGCTTGANCATGCANNCTNNNNNTNCTGNGNGNGGNTGNNGGGNNCCAC
 GNCTTACCTGGGACCCTGGCACACGCTGGGACAACATCCATTAGGCTAAGTTACGTGCA
 AACTTGGCGTAAGATACTCGATGAACTGTCTTTGGGAGCTTACCTGAAATGCTCCA
 CCCATGGACGATAATGGAAAGTTTCTTATTGCGAATCTATGGTAACTTGGCGATTATAG
 ACGTCCATGGGCGAAGATCTTTGTTGGGTTAGGCGAGGCGCGCACATTACAGTATTTCT
 GTACGACCTGTAATACTACTCCCTATGAACTGACCCCCCTATACCTTACTAGTAAT
 TGCCCCGTCTTAATCAGTGTTCCCCCGTGGGCCCTATTGCACACCAGCTCCCCATGA
 ACCTTTTATGACGGGTATCCACATTCTCCTTGGAAACGATATGCAATAATGAGTTATGCG
 TTATTTTCACTTTTTTTTTTCGCTCAACTACCAAGTATGCATTATGTGCTAAACAATCCTGC
 GCCTGACCTACATATCCCCCTCGTTTTTGGTAGGCCCTAGGGTTCCAACCTACCCCC
 TTAA

Restriction Sites:

NotI-NotI

ACCN:

NM_017914

Insert Size:

1220 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_017914.2](#), [NP_060384.2](#)

RefSeq Size: 886 bp

RefSeq ORF: 399 bp

Locus ID: 55009

UniProt ID: [Q9BVV8](#)

Cytogenetics: 19p13.3