

Product datasheet for **SC103102**

FAM104A (NM_032837) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	FAM104A
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032837, the custom clone sequence may differ by one or more nucleotides

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ATGGGGGGGCGCGGAGCAGACGCCGGAAGTAGTGGTGGTACGGTCCGACTGAGGGGTACTCGCCACCGG
CTGCGTCCACCCGAGCGGCTGCGAGAGCCAAGGCCGAGGGGTGGGCGTGGCGGCCCGCAAACACAAC
CCCCCTGTTCCTCTCTTCGCGGAGCGGCGCCGCTAGCTTCCATCCGCCAGCTGCCATGAGCGAGCGC
CTCCGTCCCAGGAAAAGGAGAAGGAATGGCAACGAAGAAGACAACCATCTCCCCCCAGACCAAAAGAA
GTAGCAGAAACCCTGTCTTTCAGGATTCTGGGACACAGAGTCTTCAGGCAGTGACAGTGGTGGGAGCAG
CAGCAGCAGCAGCAGCAGCATCAATAGCCCGGACAGGGCCAGCGGGCCGGAAGGCAGTTGAGCCAGACC
ATGGCCGGATCCAGCCCTAACACGCCTCAGCCCGTGCCCGAGCAGTCCGCGCTGTGCCAAGGCCTCTACT
TCCACATCAACCAGACCCTGAGGGAGGCCCACTTCCACAGCCTACAGACCCGAGGGCGGCCTCTGACATG
A

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5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_032837 unedited
 GTGTACATTGTATACGACTCTATAGGGCGGCCGCGATTTCGGCACGAGGTGGGGGGGCG
 CGGAGCAGACGCCGNGAGTAGTGGTGGTACGGGTCCGACTGAGGGGTACTCGCCACCGGC
 TGCGTCCACCCGAGCGGCTGCCAGAGCCAAGGCCGAGGGGGTGGGCGTGGCGGCCGCGCG
 AACACAACCCCTCTGTTCCCTCTCTTCGCGGAGCGGCGCCGCGTAGCTTCCATCCGCCA
 GCTGCCATGAGCGAGCGCTCCGTCCAGGAAAAGGAGAAGGAATGGCAACGAAGAAGAC
 AACCATCTTCCCCCAGACCAAAAGAAGTAGCAGAAACCTGTCTTCAGGATTCTTGG
 GACACAGAGTCTTCAGGCAGTGACAGTGGTGGGAGCAGCAGCAGCAGCAGCAGCAGCATC
 AATAGCCCGGACAGGGCCAGCGGGCCGGAAGGCAGCTTGAGCCAGACCATGGCCGGATCC
 AGCCCTAACACGCCTCAGCCCGTGCCCGAGCAGTCCGCGCTGTGCCAAGGCCTCTACTTC
 CACATCAACCAGACCCTGAGGGAGGCCCCACTTCCACAGCCTACAGCACCAGGGCGGCCT
 CTGACATGATGTGCCGCGAGTTTCTTGCCTTCTGTGAAGGGACAGCGCTGTGCAGATTG
 ATATTTCAACTTACAATTGTTTTAAAGAAAAATTGCACAGAAAAATGCCTGTTGGCT
 TTTCACTATATTTGAAATAACAGGTTAACAGGCAGTTGTTACTTGTGGTTNTGCTGC
 ACTATTGCAATTTCAAAGGGCTTTGAAGGNCATTTTTATANGATNCTTTTGAGGGAGGG
 TATCAATCTATGTCAAGGTAGTGGTTTGAGGGAACTCATTNCTGTGTGTTGATCCATA
 GTATGTCCCATTACAGACTGATTC

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_032837 unedited
 CCCAACCTTTTCTTATGNACGCGCCGCTTTCTAGNGATCGGTTTTTTTTTTTTTTTTT
 GCACTAATGCTGCTTTTAAATGGCGGCGCAATAGAAGAATACAAGGTTTTACTAGCTTGAG
 CTAAGAGAAGGTGTAAGAATGCCGCTGACACTACCAAGTAGCCTCTTAATAGAAATG
 TAGAAATATACAGGACAGGTGGAGATGAGCTCTGAATTTAGTAGGGTGAAAGAGTAA
 CTGCCACCCGGCACTATCATTGTACTTGTGTTTTGAAAAATCTGTTTTGCTCCTGGGAGATG
 GTTTTATCTCCCTTAANTGGGTGGGAAAGTAAAAAAAATTGTTTCCCCAAAAGTTG
 AATTTTTCTTTGTAATACCCCGTTTATTTTAAACCAAGCCCCACTGTAAACCCCTGGG
 GAAATACCCCGGGGGAATTTTAAATTTGGCCCGCGGCCCTTGGGGTTAAAAAACAAAA
 AAACGTTTGGCTTTTAAACAAAAAATTTGGTTTTTTTTTTGTTAAACACAAATTTAA
 GGGGGGTCTTTTTTGGTTTCCCCCCCCCTTGGCCCCCTTAAAAAAAACCTTTT
 AGAGAAAAATTTGTGTTTTTAAAAAGGGGAGGGGGGGGGTTAAAAAAAACAAAAA
 AAATTTTTTTTGAACCAACACCCCCCCCCCAGGGGGGGGGGGTTTTTTGGGGGC
 CCTCTCCCCAAAAAAAATTTCTCCTCGGGTTTGA

Restriction Sites:

NotI-NotI

ACCN:

NM_032837

Insert Size:

2710 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_032837.1, NP_116226.1</u>
RefSeq Size:	2842 bp
RefSeq ORF:	363 bp
Locus ID:	84923
UniProt ID:	<u>Q969W3</u>
Cytogenetics:	17q25.1