

Product datasheet for SC103036

C12orf34 (FAM222A) (NM_032829) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C12orf34 (FAM222A) (NM_032829) Human Untagged Clone
Tag:	Tag Free
Symbol:	C12orf34
Synonyms:	C12orf34
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC103036 sequence for NM_032829 edited (data generated by NextGen Sequencing)

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ATGCTGGCCTGTCTGCAGAGGACCCAGAACGCCCGGGCCAACACCTGGCCTGCCGAGC
AAGAGCCTGGAGCTGCGCAAGTGCAGGCGGTGGCCAGCGCCATGCATTCTCCCGCTAC
CCGAGCCAGCAGAACTGGACGCCTATGCCGAGAAGGTGGCCAACAGCCCGCTGTCCATC
AAGATCTTCCCCACCAACATCCGTGTGCCCCAGCACAAGCACCTCAGCCGCACAGTCAAT
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GGCCTTCTGGCCATTGTCAAGGCCGCGGTTTCTCCTCCAGCACGGCCGACCAGCTGGG
CCCGCCAAAAGTGTGCTCAAGAGCGCCGAGGGCAAGCGGACCAAGCTGTCACCGGCCGCC
GTGCAGGTGGCATTGCGCCCTACCCAGTGCCAGCACTCTGGGTCCTTGGCCTACCCC
AAGCCACCTGAGGCGCCTGCTCCACCACCCGGCCTGCCCGCAGCCGCCACTGCCGCTCC
GTCATCCCCCTGCCGGGCGGGGCTGCCCTGCCACCTTCCAACCTGCCCTCCATCCAC
AGCCTCCTGTACCAGCTCAACCAGCAGTGCCAGGCCCCGGGCGCCGACCCCTGCCTGC
CAGGGCATGGCTATTCATCCCATCCAGCCCTGCCAAGCACGGCCAGTGCCAGCTTCCCC
AGCATGGCCTACTCGGCTGCAGCCGGTCTGCCCGACTGCCGAAAGGCACTGAGCTGGGC
CAGGGAGCCACCAAGCCTTGACGTTGGCTGGGGCCGCAAGCCTGCAGGGTACGCAGAC
AGCGGCCCTGGATTACCTGCTGTGGCCGAGAAACCGCCCCACCGCCGCCAGCCACTG
CGTGCCTACAGTGGGAGCACGGTGGCCAGCAAGTCCCCTGAGGCTTGCAGGGGCGGGCA
TACGAGCGGGCCAGCGGGTCACCCCTCAACTGTGGCGTGGGGCTGCCACCAGCTTACC
GTAGGCCAGTACTTTGCGGCCCGTGGAAACAGTGTGCTGGTGACACCCACCAAGCAGTGC
TACAACCCAGCGCGCGGGTGGTGGTACCGGAGCTGGGGCCGGGGCAGCCCGGGAGCTG
GCTGGGCCCTGCAGATGCCCTCTCGGGCCTGCCAGCAAGAGTGTGTGCAACACATCG
GTGCTGAGCAGCAGCCTGCAGTCACTGGAGTATCTCATCAACGACATCCGGCCGCCCTGC
ATCAAGGAGCAGATGCTGGGCAAGGGCTATGAGACGGTGGCCGTGCCCGGCTACTCGAC
CACCAGCATGCCACATCCGCTACCCGTCTACAGATAA

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Clone variation with respect to NM_032829.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032829 unedited</p> <pre> TTTTGTAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGAGACAATCCCTCC ACCTCGGGGCGAACC CGGGGGCTGCAAGCCGCGGGCGGGCGAGCGAGAGGAAGCAA CAAAGACAGGCTGCAGCTGGGGCTGGCGAAAGGGGCCGCGGCCGGCTCCCAGCGCG GGCGGAGAGGGCGCCCTGGGAGCGGCGGGCCGAGCTGCAGCCTTGAGCGGGGCCCCGA GGGGAGGCGCAGCGCCCGCCCGGACGTGGCGATCACGGGCCCGCGAAGATGCGTCC CCTGAGCGCCCGCGCGGCCCGTCCGGGCGGGCGTGACCCCTGCTGAACGGAGACCTC CCCTCCCCCGACTTCGACGGCGCAGGCCGGCGCAGGATAGCCCTCACCGACAGCGC CCCTTCCACCCGGAGAGAGGCATCGACCCCAAGGAGGGCTTCCTCAGGCAGCCTCTGC CACTCCTGCATGGCTGCGACCCGTGAGCGGAGCGTCTGGTAGCTGAGACCTGGTGCC TTCGACGGCTGGCTGATCCGGGACCCAGTCGACAGCGCACCCCACTGGGGACCCCGAG CTCAGCCATGCTGGCCTGTCTGCAGAGGACCCAGAACGCCCGGGCCAACACCTGGCCTG CCCAGCAAGAGCCTGGAGCTGCGCAAGTGCAGGCGGTGGCCAGCGCCATGCATTCTC CCGCTACCGACCCAGCAGACTGGACGCCTATGCCGAGAAGGTGGCCACAGCCCGCTGTC CTCAAGAACTTCCACCACATTCGTGTGCCCCAGCACAAAGCACCTCAGCCGCACAGTCAA TGCTATGACACCAGTGCCAGCGCTACAGCC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032829 unedited</p> <pre> CTTTTTCTTTCTCTTCGTTTTTAAACCATATAGTGCAGACTGCACTTCTCACAGTAG AATATAATGGTCAATTTTAGTATAAAAAAACATTCTCAGAGATTTGTAATGCACTTAG TGCTTGACCAGGCCTTGGAGAGAGATACAGTACCGCTTCCAGAGCGCCAGAGGGCCAGG ACTTGAGGACTTCGTGAGGGGACTCCTGCCTATCTTCCCTGCCTTGATCGTGTGGGACA GGCCTTGGAGGGTGGTTTGCAGGAAAGGAGTTGGTCTGGGCCTCCAGTTAAAACCAGGA GGGTCCCAAGAGATCCCTCGAAGAAGGCAAGGATGGGATCTAAGATTGCAGGCCCACTGT TAGCCCTGTGGTGCCTTTGTGCGAACAGGAAAATGACGCCCTTCTCAAGATGCAGAA AATTGTAATAATATAACAAGTTTGGGTGAAAGTGGTGTCTCCTTGGACAAGGTGCCCTTG TGCAGTGCACAGCCGAACACCTGTCCCAGCAGCCCTATAAGATGTATTGGAGGGAAGGG GGAATATTGGAGTCCCAGGTTTGGAGATGGGGATGGGGGTGCCCTCTGCGTATGAACGA TTGCTGGGGTAGGGGAATGAGACAGGGGGCCGGCCTACCCTGCACCCTGTCAAGGGGCT CACCTGACCGCGGTTACCTTTGGTCCCTGACCCTTTTCGACTCCGCACCGTTTTTCCAA TCCGCCACCCATCTGGTGAACCTCGCTTCCCTGGGGGGGTGTTTTCCCCCCCCGATTTG GGCCCTTAACCACTGCCACATCTTCCCGCCTTTCCGGTGTGTCTTCCCTCCTCTTTT TTTTCCGTTTTTTCTTTTCCGTGACCCATTACGATTTTTGCTCCTTTTTTCCACCC TTCCACTCGCCCACTTTGTGGCGGTTTTATCTTCTCCCCCCTCCCCCTTTTCCC CTTCTTTTCTCTCCCCCG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032829
Insert Size:	3150 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_032829.1](#), [NP_116218.1](#)

RefSeq Size: 2731 bp

RefSeq ORF: 1359 bp

Locus ID: 84915

UniProt ID: [Q5U5X8](#)

Cytogenetics: 12q24.11