

Product datasheet for **SC122868**

C9orf6 (FAM206A) (NM_017832) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf6 (FAM206A) (NM_017832) Human Untagged Clone
Tag:	Tag Free
Symbol:	C9orf6
Synonyms:	C9orf6; CG-8; FAM206A; Simiate
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_017832 edited
CTTACGGCGGCCGGCCTTCTTTGTAGGCCTGGCACCGTAGAGGTAGAGGAGCTACATTGG
CCGCGTCCCCTGTCCCTCTGCCCTCTTGCCCATCTGCCAAACTTTTGTATTTGATCTCT
GTTTTGATGTGGAACCCAAAGCACTGTAATTGGGGGGGGCGGGGGGGTGGTGGAACT
GCGGACCTGAGAGCAGCGCGCTGCGCACGACACGCGCTGTGCGCCGGAAGAGCACGCC
AGTCCGGGCTGCGCGGAGGAAGCGTGGGTCCCGGAGGGCGGGGTGGCGGCGCCGGAG
GTGCCATGGCTACCGAGCCCGAAGCCGCGGAGCCGGTGGTGCCTTCGCTCGTGGATCGA
TACTTCACTCGCTGGTACAAACCGGATGTCAAAGGAAAAATTTGTGAGGACCACTGTATA
CTACAGCACTCTAACCGAATATGTGTCATCACATTGGCAGAATCTCATCCAGTTCCTCAA
AGTGAAAAACAATTAAGCATTTCTATCAGATCAGTACCAACTGTAGCAGACTTCAG
AACAAAGTCTCTGGGAAATTAAGCGGGGGGCACAGTTTCTAACAGAGCTGCACCTCTC
TGTAAGATTTACTGCTCAGATGGTGAAGAATACTGTGTCTAGTTGTGTAGAGGACGT
TTGATGGAAGTGAATGAAAACATCCTCCATAAGCCATCTATTCTCAAGAAAAGCCATCT
ACTGAAGGCTACATTGCAGTTGTGTTACCCAAATTTGAAGAAAAGTAAAAGCATAACGAA
GGGTTACTGACACAAAAACAATATGAAGAAGTCATGGTGAACGCATTAATGCCACAACA
GCTACGTCATGAGGATTGACATGGAACAAAAAGCAAAGTGGGATTCTTGTACCTGGCCT
AAACCATCAGGGTACTAAAGGAGAAGAACCAGTATATGTAAGCATACCTAACAGCCAGC
CATATGCAGGGGAGGCCTAGTGCTTCACTTAGTTTTCCCTCTCTGTCTTCATAATGAGCC
TTGGTTCCTATTTGTCTACAGCTGCCAGATCTGGCCTGCCCATGTACTCACACTGTTCT
CTTGATCTCTCTAACAACTGGCATGCAAGGCATGTTTTTCTGATTAAAAAACAACAAG
CTCTTTGAAGAAGATTTAGAAAAACAGAAGAGTTTTAAGTAGCCAAGTAAAAATAATTT
ACCCATCATCCATAATCCAGAAGTAAATACATTTGACCCTTGAGCAACATAGGTTTGAA
CTGCAAGGGTCCACTTATGCATGGACTATTTCAACTATAAACGAGTCAAAAAATATATCA
ATCATTAAACCAAACACGAAACCCACTTATAGAGCAGGTTTATATACTCAGGTTCCAAAGG
GCCAACTGCAGGACTTGAGTTCTCACGTATGGATTTGGGTATATGTGGAAGTTCCTGGAA
CCAATCCCTATGTAAACCAAGGATAACTACTACATTTAACCTACTTCTGTTTGAACA
TATGGTATGGTTATTGCTTTTGCCTCGTTTTCTAACAGTTTGAAGTTTAAAAAACCTA
ACCCACCTTTCTTACCAGTCTTCTATAATGTGCCTACCAAAAAGCCTAGTCCTAGCCCA
TCTGCCTCAACTCCTCTCCCTTTTAGGTTGTAGGGAAGAGGCCGGAGTGTAGAGTATATT
ATATCTTCTGTCCCCTTATGCCAACAAGATGGCCTTCCCCTCTGAAACAAAGTAAAAC
GCAACACTGTGACTTCTTAAATGAGGGATATGTGAAAAGGCTATGAAAAATACAAAGGCT
TTCTAGGAAATGTGTTAATGCAGCGGAAGCTAATCTTGAATATGCACATTATAG
TTACTCAGTCTCACATACTCTAGTTACTGGCAAAGAAGTACTGAGAATATGTCATTCAA
AGGCATAGGGGCTTTGAATGGAACAAATGCTTTCACATCATTTAAAGTAAAAAAAAC
CTCCAACAACGTGAATTTATAGTTTAAGAGTGATTTACTACTGAATTTCAATAAAAGGA
CTATAAACGTGTTATTTTTCTGTAAGGGCTATAACATACATGTCATATCACTGTTTTT
AAATAAAATATACTTTTATACAGAAGAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_017832 unedited GCGTTCAAATTTTGTAAATACGACTCACTATAGNNGCGCGCGATTCCCGGGATATCG TCGACCCACGCGTCCGCTTACGGCGGCCGGCCTTCTTTGTAGGCTGGCACCGTAGAGGT AGAGGAGCTACATTGGCCGCGTCCCCTGTCCCTCTGCCCTCTTGGCCATCTGCCCAA TTTGTATTTGATCTCTGTTTTGATGTGCAACCCAAAGCACTGTAATTGGGGGGGCGGG GGGGTGGTGGAACTGCGGACCTGAGAGCAGCGCGCTGCGCACGACACGCGCTGTGCC CCGGAAGAGCACGCCAGTCCGGGCTGCGCGGAGGAAGCGTGGGGTCCCGGAGGGCGGG GGTGGCGCGCCGAGGTGCGCATGGCTACCGAGCCCGAAGCCGCGGAGCCGGTGGTGCC TTCGCTCGTGGATCGATACTTCACTCGCTGGTACAAACCGGATGTCAAAGGAAAATTTG TGAGGACCACTGTATACTACAGCACTCTAACCGAATATGTGTCATCACATTGGCAGAATC TCATCCAGTTCTCAAAGTGGAAAAACAATTAAGCAATTTCTATCAGATCAGTACCAA CTGTAGCAGACTCAGAACAAGGTCTCTGGAAATTTAAGCGGGGGCACAGTTTCTAAC AGAGCTTGACCTCTCTGAAGATTTACTGCTCAGATGGTGAAGAATACTGTGTCTAG TTGTGTTAGAGGACGTTTGTGGAAGTGAATGAAAACATCCTCCATAAGCCATCTATTCT TCAAGAAAAGCCATCTACTGAAGCTACATTGCAGTTGGGTTACCAATTTGGAGAAAGT TAAAGCTACCGAAGGGTACTGACCCAAAACATTTGTAGAAGTCATGGTGAACGCAT TAATGCCACACAGCCACTTCATGG
Restriction Sites:	Please inquire
ACCN:	NM_017832
Insert Size:	2142 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_017832.2 , NP_060302.1
RefSeq Size:	2142 bp
RefSeq ORF:	546 bp
Locus ID:	54942
UniProt ID:	Q9NX38
Cytogenetics:	9q31.3
Gene Summary:	Actin-binding protein that regulates actin polymerization, filopodia dynamics and increases the branching of proximal dendrites of developing neurons.[UniProtKB/Swiss-Prot Function]