

Product datasheet for **SC102185**

C5orf51 (AK094002) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C5orf51 (AK094002) Human Untagged Clone
Tag:	Tag Free
Symbol:	C5orf51
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK094002, the custom clone sequence may differ by one or more nucleotides

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TATTTTTAATACGGTTTTTGAACCCACAGACTATCCCTCTTTTTAGAGCATCCTGATCAATTGCAAGTAC
TTCCACTTCTCCCTAAATGCGCTTTGTGTGTTTTCCACCTCAGTAGCCTTGCACACATCATTACTTCTG
CATCCTTCTTTGTGACCAAGTGAATACCTACCTACCTCTTAGGACTCAGCTTCAGTGATTCTGTTTTCAT
AGGCTTTTTAAAGCCCTTTTCAGTCAAATTAGATGCTCCTTTGTTCTGGTCTTTACTCTTCCCCTCCA
TGTGTCGCACTGATCACACTGCTTTGTAATTATTTTCTTTATTGTTGGTAAACTCCATATTTAAAAAT
TTACCTGTATACATAGTGCTTAATGCATGGTAGGCCCTTAGTAATGTTTTGAATTAATGAGGCATGATT
CTAAATGCCAAACTTTGCACAAAAAGTTGTTGCTATTGGATTCCAACTGCTATGCCCTCTATACCAGTG
GCTGACAAAGCATATAGGGATATATGCCATCCTGAGAGGAGTAAAGTGTTAGATTCTGAACCTGAGAAA
AGAGAAGTTTCTTAAAGAAGTTGAAACTTCATTTTACCTTCGTGACCCTGGTAGACCCTTGGTCTCA
CTGTTGGTACAATTATGAGGGTAGTACTGGGTGCTTTTTATACAACCTTCCATCCCCACACAGTTGGA
GAATAATTTGTAGACCATGGCAGTTAAATGCTTTTTACTCTGGTGTATTATAGAATAATGAACACATTT
TTATATATGTTAAAGCCTGCTAAATCATTCACTTGAATGAAGTAACTCAAGGTACCAAATACCCACA
TAAGGAAAGTACTACACTAAATCACTCAACTATTGTATGCCCTACCATATGCCAGATTTTATCCTAGACC
CTGAGGATATAGCTTTTTAAACCCCTCCTGTTTCCAGAGCTTATATTCTAGTGGAGGAAGTTAGACAAG
CATTTTAAAGTAATAAATGTATAGAGAGTGTCAAGTGATGAGTACCATGAAGAAGAATAAATGAGGGTAAG
GGGCTAGTGTGATAGGGAGAGGGTGGGATGCCATCATATTTAGGGTGGTTGGGAAGTGTCTACTGCTT
TAGCATTTGTGTCTTCAAATTTCTCTCCTTTGGTTATATACCTTGCGTATTCCGCACATTGATAAAGTTT
CTTTCTTACAGAAGTTCTGATATTGAATTAAGGAATGGGTCACACTTAAAGACTTATCATTTCAGCTAC
ACATAAAAGTTTCTCTCCCTATGGATTTTGCTAATGGTTGAGTGATACCTAAAGGCCTTGTGTCATTT
TTTACACTTGGGTTTCTCTCGGTTTGAATTCTCTCATGGTTACCAAACCTCTGTTAAAGGACTTTTCA
CAGTCGTTAAATGTGTATGGCTTTTCCCAATATGAATTTTTTGTATGTTAACTAGGCTTTTAGACTTAG
TTAAAGACCTGTGTGCTCTGCTGCATTTATAGGGTTTTGGGCTGCTGAGAATAATTGATGCTGATTAAGG
TGCAAATCATGACTAAAGACTTTTCTTCTTTTGCATATAGTAGAGTGAGGTGAGGGTCGTGGCTAA
AACCCACAATAACTTTACATTCCTAGCTTTACAGTCTTGCTGTGAATTCCTGGTGTTCATCAAAGTGT
GAGCTGTGTTAAAGGCATTCTTAGATTCATTTAACCACATTTTAAAAACTCACAGTTGGTTAACATG
ATGGTTTCAGATTGCTTGCCTTTTTCTTTCTACCTTACAGGGCTCCTTTTCTAGCTTAAATAAGGGT
ACTCCATCTGCCACAGAATCCAGGATTCTATAGTTTTTGTGTTTCACTTCCCTATGTTCTTTTTTTTTT
TTAATTTTAAACAATGAGATGATACCATGTTACAGCGGTATTACATTAAGATACATTTAATATAGCCACA
ATTAAGTATGTATTATGATTTATGCTGGTGTCTTTCATGTTATTTCTTCTAGTGAAAATTTCCAAGT
AAACTGTTATTGAGCATATACATTTTTAAAAAATAAAACCATACACCCCT
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK094002 unedited</p> <pre>GTATTATGTAATACGACTTCACTATAGGGCGGCCGCGATTCCGGCAGGAGCCACAGACTA TCCCTCTTTTTAGAGCATCTGATCAATTGCAAGTACTTCCACTTCTTCCCTAAATGCGC TTTGTGTGTTTTCCACCTCAGTAGCCTTGACACATCATTACTTCTGCATCCTTATTTGT GACCAAGTGAATACCTACCTACCTCTTATGACTCAGCTTCAGTGATTCTGTTTTTCATAGG CTTTTTAAAGCCCTTTTCAGTCAAATTAGATGCTCCTTTGTTCTGGTCCTTTACTCTTCC CCTCCCATGTTGTCGCACTGATCACACTGCTTTGTAATTATTTTCTTTATTGTTGGTAAA CTCCATATTTTAAAAATTTACCTGTATACATAGTGCTTAATGCATGGTAGGCCCTTAGTA ATGTTTTTGAATTAATGAGGCATGATTCTAAATGCCAAACTTTGCACAAAAAGTTGTTGC TATTGGATTCCAAACTGCTATGCCCTCTATACCAGTGGCTGACAAGGCATATAGGGATAT ATGCCATCCTGAGAGGAGTAAAGTGTGTTAGATTCTGAACCTGAGAAAAGAGAACTNTCTC TTAAGAGTTTGGAACTTCATTTTACCTTCGTGACCCTGGTAGACCACTTGGTCTCACTGG NTGGTACAATTATGAGGGTAGTACTGGGTGCTTTTTATACAACCTTTTATTCCCCACACA GTTTGAGAAATATTTTGTAGACCATGGCCAGTAAAAAGCTTTTTACTCTGGTGGATTATA GAATAATGAACACATTTTATATATGTTAAAGCCTGCTAATCATTCACTTAGAATGAAGG TACCTNACGGTGCCAATATCCCACATTAAGAAAAGTACTACACTAAATTCACTCACATTG TGTGCCTAACAAATGCCAGAATTTATTCTTAACCCTGAGATTAGCTTTTAAACCCCTCT GTTTAAAACCTTATTTTATGGAGGAGTTTACAAACT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK094002 unedited</p> <pre>CGTNACTCCAGNTACCGTCCGCAATCGAGGATTNATTAATATCTTTTTTTTTAGGGT GTATGGTTTTATTTTTTAAAAAGTATATGCTCAATAACAGTTTACTTNGAAATTTTCA CTAGNAAGAAATAACATNGAAAGAACACCAGCATAAATACATAATACATACTTTAATTGT GGCTATATTAATGTATCTTAATGTAATACCGCTGTAACATGTTTCTTTTCATTGTTAAA AATTAAGAAAAAAGAACATAGGGAAGTGAACTAAAAAACTATAGAATCCTGGATTCT TGTGGCAGATGGAGTACCCTTATTTAAGCTAGAAAAGGAGCCCTGTAAGGTAGAAAGAGA AAAGAGGCAAGCAATCTGAAACCATCATGTTAACCAACTGTGAGTTTTTAAAAATGTGGT TAAATGAATCTAAGAATGCCTTTTAAACACAGCTCACACTTAAATGAACACCAGAGAATT CACAGCAAGACTGTAAAGCTAGGAATGTAAGTTATTGTGGGTTTTAGCCACGACCCTC ACCTCACTCTACTATATGCAAAAAGAAGAAAAGTCTTTTAGTCATGATTTGCACCTTA ATCAGCATCAATTATTCTCAGCAGCCCAAAACCCTATAAATGCAGCAGAGCACACAGGTC TTTAACTAAGTCTAAAAGCCTAGTTAACATCAAAAAAATTCATATTGGGAAAGAGCCATA CACATTTAACGACTGTGAAAAGTCTTTAACAGAGTTTTTGGTAAACCATGGAGAGATTCA AACCGAANAGAAACNCAAGTGTAAAAAAGCAACAAGGCCTTTAGGTATTCACTCACCC TTAGCCAAATCCATAGGGGAGAGAAACCTTTATGTGTAGCTGAAATGATAAAATCTTAGT AGTGACCCATTCTTATTATTACN</pre>
Restriction Sites:	NotI-NotI
ACCN:	AK094002
Insert Size:	2000 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: [AK094002.1](#)

RefSeq Size: 2081 bp

RefSeq ORF: 2081 bp

Locus ID: 285636

Cytogenetics: 5p13.1