

Product datasheet for **SC127315**

C2orf3 (GCFC2) (NM_003203) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C2orf3 (GCFC2) (NM_003203) Human Untagged Clone
Tag:	Tag Free
Symbol:	C2orf3
Synonyms:	C2orf3; DNABF; GCF; TCF9
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 NM_003203, the custom clone sequence may differ by one or more nucleotides

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ATGGCTCACAGGCCGAAAAGGACTTTTCGGCAGCGCGCGGCTGATTCCAGCGACAGCGATGGCGCCGAGG
AGTCGCCTGCTGAGCCTGGGGCGCCGAGGGAAC TTCGGTCCCGGTTCTGCGGAGGAAGAGCCGCCCTC
TGGAGGAGGCCGCGCAGGTGGCGGACTGCCACCGGGTTTCGGGGCCCTCGTGGCCGGGGCCGGGTG
TGGGCGAGCTCCCGCGTGCCACCAAAGCGGCTCCCGCGCGGACGAAGGCTCAGAATCCAGAACCCTTG
ATGTGTCCACAGATGAAGAGGATAAAATACATCACTCCTCAGAAAAGTAAGGATGATCAGGGTTTGTCTT
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CAGGCAGCCCGCAGAAAACGTGAATTGGCCAGGGCCCAAGATGACTATATTTCTTTGGATGTACAACATA
CCTCTCCATCTCTGGTATGAAGAGAGAGAGCGAAGATGACCCTGAGAGTGAGCCTGATGACCATGAAAA
GAGAATACCATTTACTCTAAGACCTCAACACTTAGACAAAGGATGGCTGAGGAATCAATAAGCAGAAAT
GAAGAAACAAGTGAAGAAAGTCAGGAAGATGAAAAGCAAGATACTTGGGAACAACAGCAATGAGGAAAG
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GCTGTAGAAAACAAAACATCACCTCATTCAAAGTTCCAAGAAAGACAGTTCTGGTCAGGCCTAAAGCTCT
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AGAAATAATTCTTATTTTGGTGAATAAAAGCTTTGAATCAAGCAGAATCCTTCATAGGAGAGCATCAC
CTAGACCATCTTAAATCACTAATTAAGAAGATTGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003203 unedited
AATACGACTCACTATAGGGCGGCCGGAATTTCGGCACGAGGCGGGTTCTAGGGCGCCGGG
CGCTCGGGCCTCGGCCATGGCTCACAGGCCGAAAGGACTTTTCGGCAGCGCGCGGCTGAT
TCCAGCGACAGCGATGGCGCCGAGGAGTCGCCTGCTGAGCCTGGGGCGCCGAGGGAACTT
CCGGTCCCAGGTTCTGCGGAGGAAGAGCCGCCCTCTGGAGGAGGCCGCGCGCAGGTGGCG
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CGTGCCACCAAAGCGGCTCCCCGCGCGGACGAAGGCTCAGAATCCAGAACCCCTTGATGTG
TCCACAGATGAAGAGGATAAAATACATCACTCCTCAGAAAGTAAGGATGATCAGGGTTTG
TCTTCTGACAGTTCTAGCTCTCTTGAGAAAAAGAACTTTCATCAACAGTTAAGATCCCA
GATGCAGCTTTTATTCAGGCAGCCCGCAGAAAACGTGAATTGGCCAGGGCCCAAGATGAC
TATATTTCTTTGGATGTACAACATACCTNCTNCATCTCTGGTATGAAGAGAGAGAGCGAA
GATGACCCTGAGAGTGAGCCTGATGACCATGAAAAGAGAATACCATTTACTCNTAGACCT
CANACACTTAGACCAAGGATGGCTGANGGATNNCATAGCAGAAATGAAGAAACAGTGAA
GAAAGTCAGGAAGATGAANNAGCAGATACTTGGGAACCCACAGCAATGAGGAAGGCGGTA
AATCTAGAGGAAGAACCTAGATCTTTCTGTGCAATGGATCTTCAAAGGAAAAATTGACT
TCATTTCTNNCCGCGTAATTTGAATTTAGGAGCATTAACTACTATTACATCTCCGAA
CTCCCGGTCCCTGAGGAATGAAAAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003203 unedited
GCATTTTTCCATCACGTTTATTCAATCTTCTTTATTAGTGATTTAAGATGGTCTAGGTGA
TGCTCTCCTATGAAGGATTCTGCTTGATTCAAAGCTTTTATTTTCACCAAAATAAGAATT
ATTTCTTCGACTTCATCCCTGAATTCATTCTAGATAATTTATGTGCAGACTGCAATAAA
AACTGAATGAAGTTTTCTAGCTGTGGAATAGATGCTCATGGCAGAATTTTCAAACCAT
TTTTCTGGTAGACATGCTGCTACCTGGTTGCACTTTTTAACACATCTGGCCAGGTGTG
GCATTGAGAAGTGCTATAATAAGGTAACGATTTAGCAGCTTCCCTAGTCCTAGTTCTTGC
AAGGTGTCATCTGTAAGGAGTCCATTCCAAAGAAGAATATTGCGGAAGAGCTTTAGGCCT
GACCAGAACTGTCTTTCTTGGAACCTTTGAATGAGGCGATGTTTTGTTTTCTACAGCACTC
TTTGGATACAGAGGAATAAAACATCATCTTCTACTGCCTTTTTTATTCTTGAAACAATG
GATTTAAGTAAATCCTGCAAGTCGGGGAATAATTGCCCTCGTTGATGATTGCAGACAAGA
CTTTTTTATCTGAACTACCTTCCCTTCTCTGAATCCTCCACACTGCTATCCATAAATGCT
CCTACCAGATCGAACCATTGGCATCTCTTTTAAATCTGTGGGATTCCACCTAAGAGGATTT
CCATCCATCAACTGAACTCCCATACGGGATTTATAGCTTTTGGTATGCTAAAATAATGA
ACGCTTCTATTATGATTACGCAATTTTCTCGCTTCCCTCGAATTACAAACAACCCG
GGATTACCAAAATCACCCGCCCCCTCCAACTTCTTTCGTTCTGCCAATGGCCCTGGC
TTTTTGAATCATACCCCTGCCGAGGCATCTCTATTCCCATGCTCTTCTATGGCCCT
TTCCCC

Restriction Sites:

NotI-NotI

ACCN:

NM_003203

Insert Size:

2260 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:	<u>NM_003203.3, NP_003194.3</u>
RefSeq Size:	5185 bp
RefSeq ORF:	2346 bp
Locus ID:	6936
UniProt ID:	<u>P16383</u>
Cytogenetics:	2p12
Protein Families:	Transcription Factors
Gene Summary:	The first mRNA transcript isolated for this gene was part of an artificial chimera derived from two distinct gene transcripts and a primer used in the cloning process (see Genbank accession M29204). A positively charged amino terminus present only in the chimera was determined to bind GC-rich DNA, thus mistakenly thought to identify a transcription factor gene. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.