

Product datasheet for **SC115117**

CCDC59 (NM_014167) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC59 (NM_014167) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC59
Synonyms:	BR22; HSPC128; TAP26
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115117 sequence for NM_014167 edited (data generated by NextGen Sequencing)

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ATGGCGCCGGTGAGGCGGTCCGCGAAGTGGCGGCCTGGTGGTATTGAGGCGCGTGGTGAA
GGGGTTTCCACTGTCGGGTACAGGAATAAGAATGTGAGACAGAAGACATGGCGGCCTAAC
CACCCGCAAGCCTTCGTGGGGAGCGTTCGCGAGGACAAGGCTTTGCTTTTCGAAGAAAA
CTGAAAATACAGCAAAGTTACAAGAAATTGCTACGGAAGGAAAAGAAGGCTCAAACGTCA
CTGGAATCTCAATTCACAGATCGATACCCAGATAATCTGAAACATCTCTATTTAGCTGAA
GAGGAAAGACATAGGAAGCAAGCAAGAAAAGTACGACCATCTTTGTCAGAACAAGTTCAC
CAGCCGTTGCTTGAAGAACAGTGTAGCATTGACGAGCCTTTATTTGAAGATCAGTGTAGC
TTTGACCAGCCTCAGCCAGAAGAACAATGTATTTAAACAGTAAACTCCTTTACAATTCCA
AAGAAAAATAAAAAGAAAACATCAAATCAAAAAGCACAAGAAGAATATGAACAGATACAA
GCCAAACGTGCTGCTAAGAAACAAGAATTCGAGAGGAGAAAACAGGAGAGAGAAGAAGCC
CAAAGGCAGTACAAAAGAAAGAAAATGGAAGTGTTTAAAATACTGAACAAAAGACTAAA
AAGGGCCAACCAACTTGAATGTACAAATGGAGTACCTTCTTCAAAAATACAAGAAAAA
TGTTAA

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Clone variation with respect to NM_014167.4



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014167 unedited
 TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCGGCTGCAATGGCG
 CCGGTGAGGCGGTCCGCGAAGTGGCGGCCTGGTGGTATTGAGGCGCGTGGTGAAGGGTT
 TCCACTGTCGGGTACAGGAATAAGAATGTGAGACAGAAGACATGGCGGCCTAACCACCCG
 CAAGCCTTCGTGGGGAGCGTTTCGCGAGGGACAAGGCTTTGCTTTTCGAAGAAAACGTAAA
 ATACAGCAAAGTTACAAGAAATGCTACGGAAGGAAAAGAAGGCTCAAACGCTCACTGGAA
 TCTCAATTCACAGATCGATACCCAGATAATCTGAAACATCTCTATTTAGCTGAAGAGGAA
 AGACATAGGAAGCAAGCAAGAAAAGTCCGACCATCCTTTGTCAGAACAAGTTCACCAGCCG
 TTGCTTGAAGAACAGTGTAGCATTGACGAGCCTTTATTTGAAGATCAGTGTAGCTTTGAC
 CAGCCTCAGCCAGAAGAACAATGTATTAACAGTAAAGTATGTATTTTCTTCATTTGAA
 ATCCTTTAAGTGTGTTTTATTATTTAAAAGTACTATAGGATAATTTATATAGGAATTGT
 ATTTTTCTTATTTAACACATTNTAAAAGTACCGGTTAATTAGGGAAACATTTTCATGG
 AGGCTCTATTTTAGCTCCAATTACTGAATTAGGCTGGGTTTACCCTATTGACAAAGTAA
 CGTAATGGGATTAAGAGCTTTGGAATTTGGGTTTTCTCTAAAGTCCGGGGTACTTGA
 TTGGACATATGGTATGACTTTTTTTGAAAAAACTCCGAGAAGGCTTTTATTTAATCCT
 TAACGTTGGGTTCTAAACCAACTCCCATTATTGCCCCATGCCTTTTTTTAGGGGAAAT
 ACACTTGTCTTCTCACGGAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014167 unedited
 CTTGGCCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTGTATCATTATA
 AAATTTTATTATTCAATATTTGGCAAGTATTATTGGTCAGCCCTTTTGTACAATGAC
 TATATATATATTTCAAGCCTTCTCATTCTTCTGCAATTTGCAAAGCATGAGAAGCAGTT
 ATCCCAGTGGCTTATCTCAGCTCACAAGGTACCAACAAGGGAGACAGAGATAATGTTCT
 TAAAGTATAGGTCCATAGGAACTGAAAAGCTTAATTCTTGCTGTGACACTGTGGGGTTT
 CCATCATTATTTAAAAGACCTTAGACTAACAAGCCATGTACACCCATTTAAGGGAATGTT
 TATAAATATCAGACTTTGAGTTCAGTCTTGTGAAGGTCGCTTTGTTATATGGTGAGGG
 CAGTTTATTTTCAGCACCCATCACCTGTAAACATGTAATAAATAAATAAAGTCCAAG
 AGGAGTCTTTGCCTCCCTCATCATTAAAATAAATTTTAAAACAACGTAACGTTTACTAA
 ATTGAAATATTTTATTGAAATGCTTCATTGATAGCTCTGATTCTTATTTTTAAAAAATT
 TATTTATATAAATCTCATATGGTACAAAAGTATTACATGCTTGGGCCTGTCTTGCAAAA
 TAAGAGTTCTTTTCAGTTCTTCAGGCCAACCTTCTTTCAGAGGCAATAAATAAGAAACA
 TGTTGAACATATTTTAGAAATTTTTTAAACCATAATAAATAATGTGAACATCTTATATTT
 AGCCTAGNTTTCAGACTCCCGTTTATGTCGACAAATTTAGTTCACTGCTGGGAGCACCTG
 TCCCCGAGAACCTATTAGCAGCAGAATTTAACCCTAGGACAAAAGTTTACCTTTTTTTG
 ATTTTTGGAAAGGCCCCATTGCCATCAGGTGGTTGCGCCTTTAACCTTCGCCAGCATTAA
 AACCTTCTTCCCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_014167

Insert Size:

4080 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:	<u>NM_014167.1</u> , <u>NP_054886.1</u>
RefSeq Size:	1066 bp
RefSeq ORF:	726 bp
Locus ID:	29080
UniProt ID:	<u>Q9P031</u>
Cytogenetics:	12q21.31
Gene Summary:	<p>Component of the transcription complexes of the pulmonary surfactant-associated protein-B (SFTPB) and -C (SFTPC). Enhances homeobox protein Nkx-2.1-activated SFTPB and SFTPC promoter activities.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the functional protein. 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.</p>