

Product datasheet for **SC321116**

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: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_014167.1
GGCTGCAATGGCGCCGGTGAGGCGGTCCGCGAAGTGCGCGCCTGGTGGTATTGAGGCGCG
TGGTGAAGGGGTTTCCACTGTCGGGTACAGGAATAAGAATGTGAGACAGAAGACATGGCG
GCCTAACCCACCCGCAAGCCTTCGTGGGGAGCGTTCGCGAGGGACAAGCCTTTGCTTTTCG
AAGAAAACCTGAAAATACAGCAAAGTTACAAGAAATTGCTACGGAAGGAAAAGAAGGCTCA
AACGCTCACTGGAATCTCAATTCACAGATCGATACCCAGATAATCTGAAACATCTCTATTT
AGCTGAAGAGGAAAGACATAGGAAGCAAGCAAGAAAAGTCGACCATCCTTTGTCAGAACA
AGTTCACCAGCCGTTGCTTGAAGAACAGTGTAGCATTGACGAGCCTTTATTTGAAGATCA
GTGTAGCTTTGACCAGCCTCAGCCAGAAGAACAATGTATTAACAGTAAACTCCTTTAC
AATTCCAAGAAAAATAAAAAGAAAACATCAAATCAAAAAGCACAAGAAGAAATATGAACA
GATACAAGCCAAACGTGCTGCTAAGAAACAAGAATTCGAGAGGAGAAAACAGGAGAGAGA
AGAAGCCCAAAGGCAGTACAAAAAGAAGAAAATGGAAGTGTAAAATACTGAACAAAAA
GACTAAAAGGGCCAACCAAACTTGAATGTACAAATGGAGTACCTTCTTCAAAAATACA
AGAAAAATGTTAAACATTTTGTTCCTACAGGTTAAAATATCTGCTGCCTATTAGGTTCTT
CTGTGACATGTGCTCCAGCAGTGAACAAAATTTGTCGACATAAACTGGATTGCTAAAC
TATGCTAAATATAAGATGTTACATATTTTTATTATGGTAAAAATTTTCTAAATATGTT
CTACATGTTTCTATTTATTTGCCTCTGAAGGAAGTTGGCCTGAAGAACTGAAAGAACC
TCTTATTTTGAAGACAGGCCAAGCATGTAATACTTTTGTACCATATGAGATTTATATG
AAATAAATTTTTTAAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_014167



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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>