

Product datasheet for **SC105872**

CCDC107 (BC018758) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC107 (BC018758) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC107
Synonyms:	coiled-coil domain containing 107; MGC31967; OTTHUMP00000021334; RP11-331F9.6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC018758, the custom clone sequence may differ by one or more nucleotides

ATGGCGGGCGCAGTTTCGCTCTTGGGTGTGGTGGGGCTGCTGCTTGTGTCTGCGCTGTCCGGGGTCTAG
 GAGACCGCGCAATCCCGACCTCCGGGCACACCCAGGGAACGCAGCCACCCCGGCTCTGGAGCCACGGA
 ACCCGGGCGGCGACCAACCGCTCAAGGATCAACGCGAGCGGACCCGGGCCGGGTCGCTGCCTCTGGGGGCG
 CTGTACACCGGGCCGTCGCGGCTTTTGTGCTGTACAAGTGTTCAGGGGAAAGATGAACTGCGGTTTC
 TCCACGAGGAGGCAAGCAAGCAGCAGCCACTGCAGTCAGAGCAACAGCTGGCCCAGTTGACACAACAGCT
 GGCCCAGACAGCAGCACCTGAACAACCTGATGGCCAGCTGGACCCCTTTTGTAGCGTGTGACTACT
 CTGGCTGGAGCCAGCAGGAGCTTCTGAACATGAAGCTATGGACCATCCACGAGCTGCTGCAAGATAGCA
 AGCCGGACAAGGATATGGAGGCTTCAGAACAGGTGAAGGCTCGGAGGCGAGTCTGCTGGAGGTGGAGA
 CAAAGTCTCTGAACTGGAACATTCTGATCTCTCCCCACACAGAGGCCAGCAGACCTCTTCTGAGGAC
 TTCTGTTTAAAGGAGGACGAGGAGGAGGTTGGTGACAGTCAGGCCTGGGAGGAGCCACAACTGGAGCA
 CAGAGACATGGAACCTAGCTACTTCTGGGAGGTGGGGCGGGGACTACGGAGAAGGTGCAGCCAGGCTGT
 GGCAAAGGGCCCCAGTCACAGCCTTGGCTGGGAAGGAGGACGACAGCTGAAGGTCGACTAAAACAAAGT
 CTGTTTTTCATGA


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5' Read Nucleotide Sequence:	>OriGene 5' read for BC018758 unedited TATTCCCGCCCGTTGCCGCATAGGGCGGTAGGCGTGTACGGTGGNGAGTCTATATAAGCA GAGCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGCGAA TTCGGCACGAGGCCGGAATGGCGGGCGCAGTTTCGCTCTTGGGTGTGGTGGGGCTGCTG CTTGCTGTCTGCGCTGTCCGGGTCTAGGAGACCGCGCAATCCCGACCTCCGGGCACAC CCAGGGAACGCAGCCACCCCGGCTCTGGAGCCACGGAACCCGGCGCGCACCACCGCTC AAGGATCAACGCGAGCGGACCCGGGCGGCTCGCTGCCTCTGGGGGCGCTGTACACCGCG GCCGTGCGGGCTTTTGTCTGTACAAGTGTTCAGGGGAAAGATGAAACTGCGGTTCTC CACGAGGAGGCAAGCAAGCAGCAGCCACTGCAGTCAGAGCAACAGCTGGCCAGTTGACA CAACAGCTGGCCAGACAGAGCAGCACCTGAACAACCTGATGGCCAGCTGGACCCCTT TTTGAGCGGTGAGGAGAGCAATGATTCTGTGAATTTTGGGAATTTGTGGCAGGAGGGA GGAATGGGACATATGTTGGGAGCCACTGAGTGGACATTTCTTCAGTGTGACTACTCTGG CTGGAGCCAGCANGAGCTTCTGAACATGAAGCTATGGACCATCCAGAGCTGCTGCAAG ATAGCAAGCCGACAAGGATATGGAGGCTTCAGAACAGGTGAATGCTCGGGAGGCGAGT CTGCTGGNAGTGGAGACAAAGTCTCTGAACTGGAACATTCCTGATCTCTCCACACAGA AGCCAGCAGACCTCCTCTGAAGACTNCTGTAAATGGATGACNAGNATGAGGTTGTTGA CAGTCAAGCCTGGNAGGACCCNACAACCTG
3' Read Nucleotide Sequence:	>OriGene 3' read for BC018758 unedited NATTAGCTTGNACCGCGCCGCTATNCTAGATCGAGTTTTTTTTTTTTTTTTCATAAAA ACAGAATTTGTTTTAGTCGACCTTCAGCTGTCGTCCTCCTCCAGCCAAGGCTGTGA CTGGGGCCCTTTGCCACAGCCTGGCTGCACCTTCTCCGTAGTCCCGCCCCACCTCCAG GAAGTAGCTAGGTTCCATGTCTCTGTGCTCCAGTTTGTGGGCTCCTCCAGGCCTGACTG TCACCAACCTCCTCCTCGTCTCCTTTAAACAGAAGTCTCAGGAAGAGGTCTGCTGGCC TCTGTGTGGGAGAGATCAGGAATGTTCCAGTTTCAGAGACTTTGTCTCCACCTCCAGCA GACTCGCTCCCGAGCCTTCACCTGGTTCTGAAGCCTCCATATCCTTGTCCGGCTTGCTA TCTTGACAGCAGCTCGTGGATGGTCCATAGCTTCATGTTCAGAAGCTCCTGCTGGGCTCCA GCCAGAGTAGTCACACTGAAGAAATGTCCACTCAGTGGCTCCCAACCTATGTCCCATTC CTCCCTCCTGCCACAAATTCACCAAAATTCACAGAATCATTGCTCTCCTCACCCTCAA AATGGGGGTCCAGCTGGGCCATCAGGTTGTTTCAAGTGTGCTCTGTCTGGGCCAGCTGTT GTGTCAACTGGGCCAGCTGTTGCTCTGACTGCAAGTGGCTGCTGCTTGCCTCCTCGT GGAGAACCGCAGTTTCATCTTTCCCTGCAAACACTTGTACAGCACANAAGCCGCGACGG CCGCGGTGTACAGCGCCCCAGAGCAGCGACCCGGCCGGGTCCGCTCGCGTTGATCCTT TGAGCGTGGTCGCGCGCGNGTTCCGTGGCTCCAGAGCCGGGTGGGCTGCGTTCCCTGGT GTGCCCCGGAGTCGGAT
Restriction Sites:	NotI-NotI
ACCN:	BC018758
Insert Size:	1100 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>BC018758.1</u> , <u>AAH18758.1</u>
RefSeq Size:	936 bp
RefSeq ORF:	936 bp
Locus ID:	203260
Cytogenetics:	9p13.3
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a membrane protein which contains a coiled-coil domain in the central region. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2013]