

Product datasheet for **SC125866**

CCDC87 (NM_018219) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC87 (NM_018219) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC87
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_018219 edited
 GTGAGCTCCTGGTTGCCTTAGTAACCCCTCGGCTTTCTGTTCTGGACGGTGGCGGCCG
 CCGGCTCTATGATGGAGCCCCGAAGCCCGAGCCTGAGCTCCAGCGGTTTACCACCGGC
 TGCTGCGTCCGCTGTGCTCTTCCCCACTAGGACGACGTCCCCAGAGCCTCAGAAGCGCC
 CCCCAGGAGGGCCGGATTCTGCAGTCCTTCCCTCTGGCGAAGCTGACGGTGGCGTCGC
 TGTGCAGCCAGGTGGCCAAGCTGCTGGCCGGCAGCGGGATAGCAGCGGGAGTGCCTCTG
 AGGCCCGACTACGTCTCATCAAGGTCATCTGGACGAGCTGAAGTGCAGCTGGCGGGAGC
 CGCCCGCGAACTTAGTCTGAGCCACAAAAACAACCAAGCTGCGGAAGCGGCTCGAGG
 CCTACGTGCTGCTGAGCAGCGAGCAGCTCTTCTGCGCTACCTGCACCTGCTGGTGACCA
 TGTGACTCCCAGGGGGTCTTCACTGAATCAGCCACCCTCACCCGGTTGGCCGCCAGCC
 TCGCCAGGAGTGCACACTCTTCTTACTAGTCCCAACGTCTACCGTGGCCTGCTTGCCG
 ACTTCCAGGCCCTGCTGAGGGCAGAGCAGGCTCTGGGGATGTGGACAAGCTGCACCTG
 TCTGCCCCGCTGGGACGTTCAAGCTGTGCCCTATCCCCTGGCCTCACAGCACTGGCTTAG
 CCCAAGTGCAGTCTCTAACCTCAACCTGAACCTACCTCATCCAACCTCAGCCGTCCACCAG
 AGTTTCTCAATGAGCCAGGAAGGATGGATCCAGTGAAGGAATTGAAGTCCATCCCTCGGT
 TGAAGAGGAAAAAGCCTTCCACTGGCTGCCCTCCATAGGAAAGAAGAGAGAAATCGACA
 TCAGTTTCTCACAGATGGTGTGCTGCTGCCAGCTATCCTGTGGCCCCCACCAGCAGGGCTT
 CCCCCTCGCCTTTCTGCCCTGAGCTCCGGAGAGGCCAATCCATGCCCTCCCTGCGTGAGG
 GCTGGAGGCTGGCAGATGAGTTGGGCTTCTCCACTCCCATCTCGCCCCCTTAACCCCGC
 TGGTCTTGGCTACAGAGAGCAAACCAGAGCTGACTGGGCTCATCGTGGCTGAGGATCTGA
 AGCAGTTGATAAAGAAGATGAAGTTGGAGGGGACTCGCTACCCACCACTGGAATCAGGCC
 TGCTCTCTCTCTGGGGTTGTGACCCGTCACCCAGCTGCAGGGCATCGCTGGAGGAGC
 TGGAGAAGATGTTGAGGAACCTCCAGGAGGAAGAAGCCTCTGGGAGTGGGACCCCGAGC
 CCCCCAATCCTTCCACTTACCCACAGCCAGTGACCATTACTTTGAAGCTTAGAAATG
 AGGTCGTGGTCCAGGCGGCTGCCGTACGGTCTCTGATAGAACTTCTTAGACTTTTCC
 ACATTGAGGGGGCCGAGCCCTGTATAACCATCTGGCTGGTGAAGTGGATCCCAAAGCCA
 TTGAAAAAATGGATATTGATAACTTTGTTGGCAGTACTACCAGGGAGGTCTACAAGGAGT
 TGATGAGCCATGTCTTCTGACCACTTACATTTTATCAAGGGCCCTAGTTGAGCCTG
 CAGCAGATAAAGACTGGTCGACCTTCTGTCCTCAGCCTTTCTACGTCAAGAAAAACAGC
 CTCAAATCATCAACCCTGAGCTGGTTGGACTTTACTCCCAGAGAGCAAACACTTTACAGT
 CCAATACTAAGAAGATGCCCTCCCTCCCATCACTCCAAGCTACCAAAAGCTGGGAGAAGT
 GGTCAAACAAGGCTCCTTGATGAACCTCATGGAACACACCTTGCTGTGGATGACTACT
 TCAAGTACCTCAACAACCATGAAACAGATTTCTTCTCATGTCTTTCAAATGCATGAAG
 AAGAGGTTCTGTGGAGATTGTGGCCCCCTGCCAGAGAGTCCCTAGAGATTCAGCACCCCTC
 CCCCATTGCTAGAAGATGAAGAACCAGACTTTGTGCCAGGAGAGTGGGATTGGAACACTG
 TGCTAGAGCACAGGCTAGGAGCTGGGAAGACACCCACCTGGGAGAACCCCAAAAATTC
 TGAGCCTGCAGAAGCATCTGGAACAACGTGGTCTGTGCTTGAGGTCCCTGACAAGGACC
 AGGTGGACATGACCATTAATATAGCTCCAAAGCCCGCTGAGGCAGCTGCCTTCAATTGG
 TGAATGCCTGGGAGCGGGCCCTGAAGCCATTCAAGTGCAGGAGGCATTGCTGGCGAGAC
 TAGAGTGGTTTGAGGGACAAGCTTCCAATCCCAACCGCTTCTTCAAAAAGACCAACTTGA
 GCTCCAGTCACTTCTGAGGAGAATCAGGTCCGAAGCCATCTCCACAGGAAGCTCAACT
 TAATGGAGTCTTCTTGGTTTCCCTCCTAGAGGAGATAGAGTTAATCTTTGGCGAGCCAG
 TGATCTTCAAGGGGCGGCCCTACCTGGACAAGATGAAGAGTGACAAAGTGGAGATGCTCT
 ATTGGCTGCAACAGCAGCGGGGTTCCGACCTGGTCTCGGCCCTGAAGGATCCCCACC
 AGTCAACCCTGTTCAAGAGCTCAGCAGCCAGCCTTTAGTAGCTCCTGGGAATACCCCTAT
 TACTCCTTGACAGGCCCAGTGCCTCAAATGCCTCCCTACCCCTAAATGGCCAGCAGC
 TCATCTAGACCTCTTACTGCTTTGGAAGAAGAAATATTTGTCTATATCTGGGAGTGGAG
 GGTTCAGGAACATTATGCTTCCAACATGAAGGATTGAGACTAAAATATTGTTTTCTT
 AGTGAAATTCTCATGAAAGAATCCCAAGCCTAGTAGTCCCATATGTCAAGCCTTGAC
 AATACAAGCCAAATCTCTAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018219 unedited <pre> NAAGTCACACTTTGTATACGACTCATATAGGCGGCCGCCGGCTCTTGATGGAGCCCCGA AGCCCCAGCCTGAGCTCCAGCGGTTTTACCACCGGCTGCTGCGTCCGCTGTCGCTCTTCC CCACTAGGACGACGTCCCCAGAGCCTCAGAAGCGCCCCCGCAGGAGGGCCGATTCTGC AGTCCTTCCCTCTGGCGAAGCTGACGGTGGCGTCGCTGTGCAGCCAGGTGGCCAAGCTGC TGGCCGGCAGCGGATAGCAGCGGGAGTGCCTCCTGAGGCCGACTACGTCTCATCAAGG TCATCCTGGACGAGCTGAAGTGCAGCTGGCGGGAGCCCGCCGCGAACTTAGTCTGAGCC ACAAAAACAACCAGAAGCTGCGGAAGCGGCTCGAGGCCTACGTGCTGCTGAGCAGCGAGC AGCTCTTCTTGCGCTACCTGCACCTGCTGGTGACCATGTGCGACTCCCAGGGGGTCTTCA CTGAATCAGCCACCCTCACCCGGTTGGCCGCCAGCCTCGCCAGGGAAGTGCACACTCTTCC TTACTAGTCCCAACGTCTACCGTGGCCTGCTTGCCGACTTCCAGGCCCTGCTGAGGGCAG AGCAGGCCTCTGGGGATGTGGACAAGCTGCACCCTGTCTGCCCGCTGGGACGTTCAAGC TGTGCCCTATCCCTGGCCTCACAGCACTGGCTTCGCCCAAGTGCAGTGTCTAACCTCA ACCTGAACCTACCTCATCAACTCAGCCGTCCACCAGAGTTTCTCAATGAGCCANGAAGGA TGGATCCAGTGAANGAATTTGAAGTCATCCCTCGTTTGAAAGAGAAAAAGCTTTTCACT GGCTGCCNTCTAGNAAAGAAGAGAGAAATCGACATCAGTTCCTCACAGATGGTGTGCG A </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018219
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_018219.1</u> , <u>NP_060689.1</u>
RefSeq Size:	2884 bp
RefSeq ORF:	2550 bp
Locus ID:	55231
UniProt ID:	<u>Q9NVE4</u>
Cytogenetics:	11q13.2
Gene Summary:	Plays a role in spermatogenesis, where it is important for normal sperm head morphology. Also required for the acrosome reaction and thus normal male fertility.[UniProtKB/Swiss-Prot Function]