

Product datasheet for **RC238498**

CCDC63 (NM_001286244) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC63 (NM_001286244) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCDC63
Synonyms:	ODA5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC238498 representing NM_001286244
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAAATCCTCGAGGAACATGAATCGGAGTGAGAAGAACTACATGGAGCTGCGACTCCTGCTCCAACTA
 AGGAGGACTATGAGGCATTGATTAATCCCTGAAAGTGCTGTTGGCTGAACTGGATGAGAAGATTCTTCA
 GATGGAAGAAAAAATCGAAACCAAAACAGATTTTCGAAAAATGCAGGAGGCCAATAACCCCCGAAA
 CTGCAGAAACAGATTACATTTTGGAAACCGTTTGAATCTCGTCACTGTTCACTTTGACAAGATGCTGA
 CCACTAATGCCAAGCTCCGAAGGAGATTGAAGACCTACGATTTGAGAAGGCTGCTTATGACAATGTCTA
 CCAGCAGCTCCAGCACTGCCTGTTGATGGAGAAGAAAACCATGAAGTGGCCATTGAGCAATCTTCTCAG
 GCCTATGAGCAGAGGGTGGAGGCCATGGCTCGAATGGCTGCCATGAAAGACCGCCAGAAGAAGGACACCT
 CTCAGTACAACCTGGAGATCCGAGAGCTGGAGCGTCTCTATGCCCATGAGAGCAAGCTCAAGTCCTTCCT
 GCTCGTCAAGCTGAATGATCGCAATGAATTCGAGGAGCAGGCCAAAAGGGAGGAAGCTCTCAAGGCAAAG
 AAGCATGTCAAGAAGAACAGGGGAGAGAGTTTTGAGAGCTATGAGGTGGCCACCTCCGGCTGCTGAAGC
 TGGCTGAGAGTGGAACCTAAACCAAGCTCATTGAAGATTTCTGGCCAAGGAGGAGAAGATTTTCTCG
 GTTCACGTATGTACGGAGCTCAACAACGACATGGAGATGATGCACAAGAGGACCAACGAATCCAGGAC
 GAGATCATCCTCTTGGCATCCCAGCAGAAATTGTCCCAGATGACAACCACTCTGTCTGAGACAGCTGG
 AGGATAAACTGAGGAAGACCACGGAGGAGGCAGATATGTATGAGAGCAAGTACGGGGAGGTCAGCAAGAC
 CTTGGATCTATTGAAGAACTCAGTGGAGAACTGTTCAAGAAGATAAACTGTGACGCCACCAAGATCCTG
 GTGCAGTTAGGGGAGACGGGAAAGTCACTGACATCAACCTTCCGAGTATTTGCCATCATTGAAAAGA
 AGACCAACGACCTGCTGCTGTTGGAGACCTACAGGCGCATCCTGGAAGTGAAGGGGAGAGGCTGAGAT
 CCGGCCACCTTCATCAACCTTTCTGGGGTGGCTCTGCCCTCCTCAAGCCCCAGAACCCATCAAAGTC
 ATCCCCCAGTGTGGGGCTGACCCCTTCAGCGACAGGTTGGATGATGTGGAACAGCCCTGGACCACA
 GCAGCCTTCGGCAGCTGGTTCTCGACAATTATATCCTGAAGGAGAATCGGAGTAAGGAAGTGC GCGGAGA
 CAGCTGCCTGAGAAGGTGGATGACTTCAGATCCAGGAAGAAAGTAACCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238498 representing NM_001286244
 Red=Cloning site Green=Tags(s)

MKSSRNMRSEKNYMLRLLQTKEDYEALIKSLKVLLAELDEKILQMEKKIANQKQIFAKMQEANNPRK
 LQKQIHILETRLNLVTVHFDKMLTTNAKLKEIEDLRFKAAYDNVYQQLQHCLLMEKKTMLAIEQSSQ
 AYEQRVEAMARMAAMKDRQKQKDTSQYNLEIRELERLYAHESKLKSFLLVKLNDRNEFEEQAKREEALKAK
 KHVKNRGSFESYEVHLRLLKLAESGNLQLIEDFLAKEEKNFARFTYVTELNNDMEMMHKRTQRIQD
 EIILLRSQQKLSHDDNHSLVRQLLEDKLRKTTEEADMYESKYGEVSKTLDLLKNSVEKLFKKINCDATKIL
 VQLGETGKVTDINLPQYFAIEKKTNDLLLLLETYRRILEVEGAEEIPPPFINPFWGGSALLKPPEPIKV
 IPPVLGADPFSDRLDDVEQPLDHSSLRQLVLDNYILKENRSKEVRGDSLPEKVDDFRSRKKVTM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001286244

ORF Size: 1452 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001286244.2](#)

RefSeq Size: 1745 bp

RefSeq ORF: 1455 bp

Locus ID: 160762

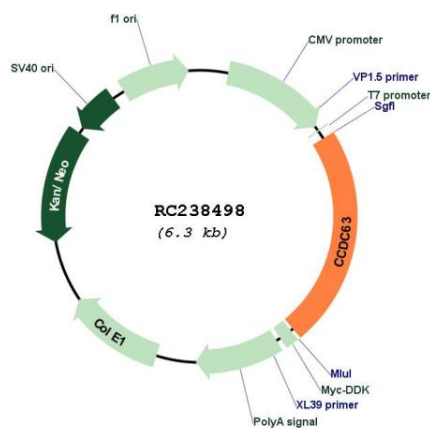
UniProt ID: Q8NA47

Cytogenetics: 12q24.11

MW: 57.2 kDa

Gene Summary: Plays a role in spermiogenesis. Involved in the elongation of flagella and the formation of sperm heads.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC238498