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Product datasheet for MC219359

Ccdc63 (NM_183307) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc63 (NM_183307) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc63
Synonyms:	4921511C16Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC219359 representing NM_183307
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCAGTGAAAAAATACAGATGGACTACCACTGTAGGTCGTGTGGGCATCCTCTTTCTCTGTCTTGCCC
AGATGAAGAAAGTCAGGAGGAAGGGCTCTTCAGGCCTTTCGGAACTTTCCGAGAAGGCCAGGGAGCAGCT
CGCCCAGGCAGAGCTACGGAAACTGAGGCAGCAGTTCCGCAAGATGGTAGACAGCCGCAAGTCCTTCAAC
TTCCGCCACCAGCGTATGATCGCCGGCCAATACAAGGAAATAGAGACTCTGAAAGCTGAACAGGCCGAGA
CCACCATGCTTCTAAGCCTCGTGAAGTCTCCGAAGAACCTGGACATCAACCAGAAAAACTTCATGGAACT
ACGCTTCCTGCTGCAGACCAAGGGGGACTACGAGGCGCTCATCTCCTCCATGAAGGTGCTGCTGGGAGAA
CTGGATGATAAGATCGTTCAGATGGAGAGAAAGATCACGAACCAGAGACAGCTCTTCTTGAGGACACAAG
AGGCCAATAATCCCAAGAGACTGCAGAGACAGATCCATGTTCTGGAGTCCCGACTGAACCTGGTCACTGT
CCACTTTGACACGATGCTGACCTCTAACTCCCAGCTCCGGAAGGAGATTGAGGATCTCCTCTTTGAGAAG
GCCGCCTACGACCACGTCTACCAGCAGCTTCAGCGGCGTCTGCAGACACAGAAGAAGACCATGAACGTGG
CCATTGAGCAGTCTGCCCAGGCCTATGAGCAGAGAGTGGAGGCCATGGCTCGGATGGCTGCCATGAAGGA
CCGCCAGCAGAAAGACATCTCTCAGTACAACCTGGAGATCCGGGAACTGGAACGTCTATATGATCACGAG
ACGAAACTCAAGTCCTTCCTGCTGGCCAAGCTTAACGACCGCTCTGAATTTGAGGACCAGGCCAAGAAGC
AGGAAGATGTCAAATCCAAGAAGCTTGGGAAGAAGGGGAAGGGCGAGAGTTTCGCGAGCTATGAGGTGGC
GCACCTGCGGCTGCTGAAGCTGGCGGAGAACGGGGACCTGAACCAGCTCACCGAGGATTTCCTGGCCAAG
GAGGAGAAGAATTTTGCTCGTTTCACTTATGTCACCGAGCTCAACAATGACATGGAGACCATGCACAAGA
AGACCCAGCGGATCCAGGATGACATCATCAACTTGCGGTCACAGCAGCAGACCTCCCATGAGGGCACCCG
GAGCATCCTGAAACAGATGGAGGAGAAACTGAGAAAGACCACGCAGGAAGCGGACATTTATGAGACCAAA
TACAAGGAGATGAGCAAGACCCTGGAGTATCTCAAGAACTCGGTGGAGAAGATGTTTAAGAAGATCAACT
GCGATGCCACTGAGATCCTGGGCAAGCTGGGCGAGTCCGGGAAGGTCACGGACATCAATCTGCAGCAGTA
TTTTGCTATCATAGAAAAGAAGACAAATGACCTGCTGCTTCTAGAGTCCTTCCGGCGCCTGCAGGAGGCA
GAGGGGCCCGATGTCGATGTCCCACAACCCTTTGTCAACCCCTTCTGGGGCGGCTCTGCCCTCCTCAAGC
CCCCAGAGCCCATAAGGGTTGTGCTGCCTGTGTTTGGGGCAGACTCCTTCAGTGACAAACTTGAAGAGGT
GGACTCTCCTCTGGACCACAGTACCCTCCAGCAGATGGTCTTGGAGAACTTCCTTCAGAGGGAACGCACA
AAAGAACTACAGGACACCATGTCAGAGAAGGGGGACGAGATAAGGCTCAAGAAGAAGGTGATAGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_183307

Insert Size: 1749 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:	NM_183307.4, NP_899130.1
RefSeq Size:	2287 bp
RefSeq ORF:	1749 bp
Locus ID:	330188
UniProt ID:	Q8CDV6
Cytogenetics:	5 F
Gene Summary:	Plays a role in spermiogenesis (PubMed:26501274). Involved in the elongation of flagella and the formation of sperm heads (PubMed:26501274).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, uses an alternate in-frame splice site in the 5' coding region and uses an alternate splice site in the 3' terminal exon. This results in novel 3' coding region and novel 3' UTR, compared to variant 1. It encodes isoform 2, which is shorter and has a distinct C-terminus, compared to isoform 1.