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Product datasheet for MC229156

Ccdc136 (NM_001201378) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc136 (NM_001201378) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc136
Synonyms:	4921511K06Rik; BC006583
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC229156 representing NM_001201378
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCAAGCATCGGGGCCTGAGCCTGACAGAGACAGAGCTGGAGGAGCTGAGGGCCCAGGTGCTGCAGC
TGGTGGCAGAGCTGGAGGAGACCCGTGAGCTTGCTGGGCAGCATGAAGATGACTCCCTGGAGCTTCAGGG
GCTCCTGGAGGATGAGCGGCTGGCCAGTGCCCAGCAAGCAGAAGTATTCACCAAGCAGATTCAGCAGCTC
CAAGGTGAGCTGCAACATCTACGGGAGGAGATTTCCCTGTTAGAGCATGAGAAGGAAAGCGAACTTAAAG
AAATGGAGCAGGAGTTGCATTTGGCCCAAGCAGAGATCCAAAATCTACGGCAAGCTGCGGCAGACTCTGC
CACTGAACATGAGAGTGACATAGCGTCCTTGCAGGATGATCTCTGCCGGTTGCAGAATGATCTCGATGAC
ATGGAGCGCATTCGAGGGGACTATGAGATGGAGATTGCCTCGCTCCGGGCAGAAATGGAATTGAAGACTT
CTGAACCATCTAATCTAAGCATCTCCGACTTCTCTGGGATACAAGATGAACTACACCATCTTCGGGAGCG
CTACAACTTACTGAATGAGGAGTATCAGGCCTTGCGGGAGAGCAACAGCAGCCTCACAGGGCAGCTTGCT
GAGCTGGAGAGTGATAGGACACGGAGAGCAACAGAGCGATGGTTGGAATCTCACCTGCTACGGAGTACGA
TGTCCTCCGAGTCTCAGACGTCAGAACTGGATTTCCCAGAGCCTGACCCTGTGATGCAGCTTTTGCGCCA
GCAGCTGCTGGGAGCTGAGGAACAGATGCAGGACATGCAGGACAAGTGTAAGAACTTGTATTGTGAATTG
GAAGAGCTACAGCATCACCGCAGAACCAGTGAGGAGGAGCAGAAGCGGCTGCAGAGGGAGCTCAAGTGTG
CCCAGAATGAGGTGCTCCGGTTTCAGACCTCCCACAGCACCCAGCATGAGGAGCTGAAGAGCAGGCTCTG
TACCCTGCAGCAGAAGTATGACGCTAGCCAGGACGAGCACAGTGAGCTTCTGAAGGTGCAGATGCAGCTC
GAGACTGAGCTCCAGCAGCTCAGACTCCTCAGATGCACTCCTGTAGAGAGCCAGAGTGAGAAGGAGTTGA
TGTGCCGGCTCCAGAAGCTGCAGGCCCAGCACCAGTGCAGTGTGAATGAGAAAGAGCAGCTTCTAGAAGT
CCAGCATCACCTGCACGACAAGCTGCGGTGCCACGAGTCAGAGGTGCATCGGCTCCGAAGCATGGTGGAC
TGCTTGCGAGAGAAAAATGAGAAGAATTCAGGGATACACCTCCAGCTTCAGGAGATGAAGGGATTGTATC
AGTTCAGCAGGGATGAGCTGGAGCGCCAGAAGCACATGTATGACCAGCTGGAGCAGGACTTCCTGCTCTG
CCAGCAGGAGCTGACAGAGCTCAAGTCCAGCCAGTCCCTCTGTGAAGAGAATGGAAACTGCTCAAACAAG
TGTGATGCTCTGCTGGCCAGACTGACAGAATTGCAGGACAAGTTCAAAGCCAGCCAGGAGGAGATTGGGC
ACCTGCAGATGGAACAGTGTGAGCTCCTGGAGGACCAGAGGAGGCTGCAGGAGGAGCAGGGCCAGCTGCA
GGAAGAGCTGCACAGGCTCACATTCCCACAGCCCAAATGTGGCATCTTGCAGAAGAGTCAGGAGCTGCTT
TCAAAGCTGCAAGATCTGTGTGAAATGCAGCTGCTCTACCAAAACATGCAGGAGCAACAGCGAAAGCTGA
CACAAAACCAGGAGTGTGTACTGAAGGAGCAGCTAGAGGCACACAAGCATCTTCGAGGTTTCAAAGAGTC
TCATTTCCAGGAAGTGTTGGCGAACCCTCAAGATGCTAGAGGGCCTAAGTCCTCCAGTTGTGAGAATAAG
TTCAAGGTGCTTATGGACCAGCTGCAGGCTCTGCAGGTGCTATATGACACCAGTCAGAAACAGCAGGAGG
TACTGCAGCGGGAGCATGGGCGGCTCATGGAGGAGCGGAAGAGGCTGCAGGCTGAGCTACAGCTCTGCAT
GGAAGAAATGCAGGTGCTCCAAACTCAGTCCCCCATGATAAAAAGGAGTTTTGAGTACTGCGGGAAGAAC
TCAGGCAGCAGGGCCCCCAGCACTGAGAACTTCCACAGGAGTTACGAGAGCTCCATTGATGAAAATGAGG
GCTATCAGAAGAGTTATGTGAGCTCCCAGCCCAGCACTGAAACCTTCCTCAAGAGCTATGACAGTAGCAC
CAGTGCCAACGAGGCCTTTGAGAAGAGTTACTGCTCCAGCAGCACAAGTGTGAGCTATAAGAAGAGTTAT
GGCTCTGTCAGTAGTGGTGAGACCCTTCACAGGAGCTATGCCAGCAGCAGTACTGATGAGGACCCAGCTG
AGCCTGAAGACTTGGAGCACTTTGAGGAAACAGTGGCCAAGGTGCTGACCAAGTTGCAGGCAGTGAAGGC
CCTGTACCAAGTGAGCCAGGAAGAGCACTGCCAGCTGCAGCAACGGATGCACAGGCTGCTGGCCAAGCAG
AAGGAGCTCACAGAGGAGCTGCAGTGCTGCGAGAAGGAGCTGAGGGAGTGCATGGAGAGCCTGGGGAAGC
CCCTGCCTCCCCAGAGTGACAAGTGCGAGAACATGTTTGGGATGTGGAAGCCTATGGTTTTCTTGGCTAT
TGCAGCAGTAGCTCTGTATGTGTTACCCAATATGCGACCGCAGGAATCAGAATACTACATGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001201378

Insert Size:	2727 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001201378.1, NP_001188307.1
RefSeq Size:	3225 bp
RefSeq ORF:	2727 bp
Locus ID:	232664
UniProt ID:	Q3TVA9
Cytogenetics:	6 A3.3
Gene Summary:	May play a role in acrosome formation in spermatogenesis and in fertilization. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and has multiple coding region differences, compared to variant 3. These differences cause translation initiation at a downstream AUG and result in an isoform (2) with a shorter N-terminus, compared to isoform 3.