

Product datasheet for **MC221261**

Ccdc142 (NM_001081266) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc142 (NM_001081266) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc142
Synonyms:	A230058J24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: ▶MC221261 representing NM_001081266
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCACGGGCGTCCAGCTCTAGTGGCCCTTTGCCTCCACTCGCTAACGTACCCTCGTCGTGGGCGCAGC
CCGTGGGCGCTGGGAGGAGCGGGACGAGGGGAGGCGTGGAGGGCTAGGGCTACTGGCTGCGGTGAGCGT
CCCGTGCCCGGACTTCAGCAGACAGCCGTGGGCTCCCGCTCTGCAAGCGGCCGATGCCCTTCGCTCTT
CAGCGGCTCCGGCCACATTGCTTCGTCTGCACCGCAGCGAGAGCAGCTCTCGGGGCCGGGACTGCG
CCCGCCACCTGCAGGCGGTCTGCGGCTGCTCCGCTCCGGCTCCTCGGCCGTTCCCTCTCCCTGCAGCA
GTTGCACGGCGATTACAGCTGTGCCATCTCGTGGGCGGCTCTGCGCTCGGCTTCCCGGGCTCCAGG
GAGACGTTCTCCTGACTCGCCCTGTGGGCTAGCTGCCAGCACTTGAGGGTGCCATCGAGATGCAGC
TTCGTTCACTGGGCCGACACCCGCTAGCCTGGGCTGACATCCAGCTAGCCGAAGTGTGCTGGCCCT
TCCCTTCTACCACACTCTGCAGGGACATTCCCTGAAGTTCGTCGCCGGGCGCGCGCCATTCCCGCG
GCCCCGTGTCTCCAGCTCCTGGCTGCAGAGCGGGTTGTGAGGTGGCAGATAAGCTGGCTGAAGCCGTG
GCGGATCGGGCTTGACAGGACAGCTCCGTGCGCAGTGCAGCAAGAGCGAGAGCTGCTGCCCGGCTGCT
GGGCTGCTAGGGGGCGTGGCTAGCACCGACAGCAGCGGACTGAGGCTTGGGGACCTGGAGCCCTGTGG
AGCCAGTATTGACCTTGTGTGGGACGCTGTGCTAAGTGTGTTGAGCTACGCGTGGGACCTGGGAGG
ACCTTAGAGCAATGGCACAAGAGCTGAGTCAGGCACTGTGTCAAGCACCCCTGCCTCAGGAGTGTGAGAA
GGAGCTGTTGTCTCTGTGTACAGCCTGTTTCACCACTGTGTCATCTGCAGTGGGACCAAGGGTCTGC
CAGGCCTTAGGATCAGCCCTGGGTGGTCAGAGCAGCCCTGCGTCACTGTCTCTACCTCTGAGCTGTGC
AGCGGCTTTTCTCCCTCTTGATAGCCTTCGACAGCCAGGCCAGAAGTCTAGGCTGTGTCCGCTCTGC
AGGTCTACGCTGTGCTCTGGGCTCTGTACCCTGCAGACCACTTCGACTGTGTTGTGGGACAGCT
CAGCAGGCTGGCAGCGTGGGACCCGTTCCCTCTTGCTCCTGCTGCAAGGATCTGCCTCCTCTTC
TGTCTGCGGTGAGGCGCTGTCCAGCCTGGCCTCCGAAGCAGCTCACTCTGAGGTGGAGCAGCAGCT
GGGCTAGAGATCCACAATTTGACTGAAAAGATGCAGCTCCTGCCCAAAGAATCACTGGGTCTGTTTGT
CAAGAATGCCATAAACAGCCACACAAGGCTTCAAGTCCACATGCCGAGGGGTCGATACTGGAGACTTC
GATTGTGCTCTGAACCTCCAGTGACCTAGTGAGTACGCTCGGATAGTGGTCTACTCTGTGTTGGAGCC
TGTGTTGCAAGGACTTCAGGGATTGCCACCTGAAGCCCAAGCCCTGCCCTCGGCCAGGCACTGACAGCC
AACTGGGCGCCTGGCTTGACCACATCCTCACCATGGGATCCGGTTGAGCTGCAGGGGGCGCTGCAGC
TCAAGCAAGACTTCGGAGTGGTCAGGGAGTTCTGGAACAAGAGCAGTGGGCTGTGCGAGGAGCTTCG
CCAGACTCTGCTCTCACTCAGCATCTTCCAGCAGCTAGATGGGCCCCTGCTGTGCTCCTGCAGCAACCC
CTGCCAAGAATCCAGTCCACAGAAGACCTCCCGTGTGCTGTCTGTTATGAGGTCCAGACCACTGAAC
TGCCACCAGCAGCCTCAACAGCCTGGAAAATTGGACCCCTCTTCGTCTTGGAGTCTCCCTGCCCA
GAACACTCACCTGCTAAGCACCTGGGGGAGGAGGACGAGGAGGAGGGGAGGGGAGGAGGAGGAGGACCT
AGTCTGAGGCTTACCTGGTGGGAAACCAGCAAGCCTGGCTTGCCCTGAGGCTGCACCAACACCCACGTT
GGCACCTGCCTTTTTTCTTGCTGAGGACAAGTCTGAACCCTAA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001081266

Insert Size: 2217 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001081266.1</u> , <u>NP_001074735.1</u>
RefSeq Size:	3129 bp
RefSeq ORF:	2217 bp
Locus ID:	243510
UniProt ID:	<u>Q8CAI1</u>
Cytogenetics:	6 C3