

Product datasheet for **MC218888**

Ccdc102a (NM_001033533) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc102a (NM_001033533) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc102a
Synonyms:	BC027663; Gm586
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218888 representing NM_001033533
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCACGGTCCGAGCCCGCGCTGGCTGAGTCTCCGAGCTGTCCAAGAGCAGCCTGCTCACCATCC
 TGGGCAGCCCGTCCCGGAGCGCATGGGCCGGCCGACTCGCTGCCACCCACGCCGCTAGCGGCACCCC
 GTCACCAGGACCGCCACCCTCACTACCCTTGACTGCTCCCGCTCTGCTGGCCGACGGCGACTGGGAGAGC
 CGCGAGGAGCTGCGGCTGCGGGAGCTGGAGGAGGCGCGCGCGAGCCTTGACAGTGGAGAAAACAATGC
 GCTGGTGGTGGACTGCACGGCGAACTGGCGGAGAAAGTGAGCAAGGTGCGCGCCGAGCGCAACCGTGC
 GCGGGAAGAGGTGCGCCAGCTGCCAGCGCCTGGATACGCTACCAAGGAGTTGGCGGGCGCGCCGT
 GAGCGCCAGGAGGCTCAGGGCGAGTGGAGGCGCGGCCGCGAGCTGGCCCGGCTGCGGGGAGTGACA
 GTGCGGCCGACAAGACTCAGACGGTCCGAGCCCGAACGCGAGCAGGAGCCGGTGCAGCATCGGGC
 GAAAGGCCCGCTGGCAGCCAGGAGCTGGACCTGGTAGAGAGCTGCTGAAGAGCAGACCAGAGGAGCCT
 GAGGGCTGCTGGGATGCCTGCAGTGTAGCAGCAGGGGGCCCTCGGGTCACTCAGGACGCCAGGATCGCA
 ACCGCCTGCCCTGGGAGGACACAGCCAGTACAGAAGAGGATGCCTCCAAGTTGACTGCTCTGCGCCTACG
 GCTAGATGAGTCCAGAAAGTGCTCCTCAAGGAGCGAGAGGATAAGCTGGCTCTGAGCAAAAACATCGAG
 AAGCTGGAGGGGGAGCTTAGCCAATGGAAGATCAATACGAGGAGTTGAGCAAGCAAGCAGGAGATGC
 TCAAACAACCTCAGCATCCTAAAGGAGACGCACCAGGATGAGTTGGGCCGATGTCGGAAGACCTGGAGGA
 TGAGCTGGGGCGCACGCTTAGCATGGATCGCAAGATGGCTGAGCTGAGGGGTGAGATGGAAGGCTCCAG
 GCAGAGAATGCGGCCGAGTGGGGCCGAGAGAGCGGCTGGAGACAGAGAAGCTGGGCTGGAACGGGAGA
 ACAAGAAGCTGCGCGCACAGGTTGGAGACCTGGAGGAGGCTCTGGCCCGCAGACGGCGGAGAAATGCCAG
 TGCCCTGGACTGTGACCTGAGGGCCAGCCAGGCTGCTCTTTTCGAGAAGAACAAGGAACTGGCAGATCTG
 AAGCACGTGCACGGCAAACCTCAAGAAGCAGTTTCAAGAGAAGGTGGCCGAGCTGGCACACGCCAATCGGC
 GCGTGGAGCAGCACGAGACGGAGGTCAAGAAGCTGCGGCTGCGGGTGGAAGAGCTCAAGAAAGAGCTGGC
 CCAGGCAGAGGATGAGCTGGACGAGGCCACAACCAGGCACGGAAGCTGCAACGGTCCCTGGACGAGCAG
 ACAGAACAGAGCGAGAACCTACAGGTGCAGCTGGAACACCTGCAGTCCAGGCTCCGACGGCAGCAGCAA
 ACGCACCCCTTTTGGGAAGATTCGTAGTACCCGATTTGGCACCGAGGAAGCCGGAGACGGAGCCAGCGA
 CCTGGATGAGGATGAGGACCTGCAAATCCAGGTGGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033533

Insert Size: 1650 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_001033533.3](#), [NP_001028705.2](#)

RefSeq Size: 2309 bp

RefSeq ORF: 1650 bp

Locus ID: 234582

UniProt ID: [Q3TMW1](#)

Cytogenetics: 8 C5