

Product datasheet for **MC220961**

Ccdc13 (NM_028384) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc13 (NM_028384) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc13
Synonyms:	2900041A11Rik; Gm188
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220961 representing NM_028384
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTGATGAGAGCTCGGCAGATACTCTGCGACTCCAGTTCAAGGCCATGCAGGAGCTACAGCACC
 GAAGGTTACAGAAGCAGATGGAGAAAAAGAGGGAGAAAGAGCTGAGCTGTCAAAGCAAAGCTGACAACCA
 GGAAGGGTTTCATGGTGATCCCGGATGGCCTCAGCCTCCTCGACACAGAGGAGCAGAACCTAAAAACATA
 TTTGAGAAGAGGGTGTGGGAAGATGAAATCCAGCATCTTCGCACTGAGCTCCGGGAGACAGTCGATGAGA
 ATGGGCGACTATATAAGCTGCTGAAGGAGAGGGACTTTGAGATCAAACACCTCAAGAAGAAAATAGAAGA
 GGACAGATTTCGCTTACAGGGGGCTCTGGGATGGCTGGAGATCTAGTTGCCACCAAAATTTGTAAGT
 TCCAAAAAGAACCGGGGGCTGATGGCCGAGTCAGAGAGCGCAAAGGTGAGGATAAAGCAGCTGACCAATC
 GCATCCAGGAGCTGGAACACCACTGCAGATGGCGTCAGCCAAGCCACCATCAAGGGGGCCACTGATGC
 AGGGGCTAAGCCACTGAAGACCCAGACGGGAGACAGAGCTTTGCTGGAGACCCAGAGGTGAAAGCTCTG
 CAGGACAGGCTGGCAGCCACCACTGAAGATGAGTGACCTGCGCAACCAGATCCAGTCTGCAAAGCAGG
 AGCTCCGTGTGGCCAGAAGTTCTGGCCAATGAAGTTGGGGAAGATGTAACATCCAGCAGCTGCTGGC
 CTCACCTGGGACCTGGCGGGGAAGGGCTCAACAAATTCTAGTGCTGCAGAGCAGGGTCCGAGATCTTGAG
 AAGCAACTGGGACAGCGTCAGAACAAGCTGCAGGTTCATCGAGCTCTGAGGTGCCTCTCAGTTCAGACT
 CAAGGAAGATGACAGCACAGGAGAAAACTACTGAGGATCCGACGCTGGAGAGGGACAAGCAGGAGAG
 CTGGGAGAACTGGCCAGCGAGCGGGACACCCTCCAGACAGAGCTGGAGGAGCTGAGAAAGAAGTTTCGAG
 GGCATGAGGTCTCGCAACAAGGTGCTGTCCAGCGAGGTGAAGACCCTCAGGAGCCAGATGACAACCTGG
 TGGAGAAGGGCAGGCATGACGATGAGCTGATTGATGCCCTTATGGACAGCTAAAGCAGCTGCAGGACAT
 TCTGAGCAGCCTGAGTGTGCAGGAGGAATCGAGACGCACATCACAGCAGCACCTGGACCAGAAGGTCAAC
 AGTGAGGCCCAACGAAGCAGCAGCTTGTGGCCAGCTGCGGGCCATGGTGGCTGATCGTGAAGCCAAGG
 TGCGGCAGCTGGAGCTGGAGATTGGGCAACTCAGTGTCAGTATCTTCACGGTAAAGGAGGGGTGAGGG
 GGCCAGCCCCGCCGATGCCAGGTTCCCTGAGGACCAGACCCCGATAACCAACTCTCCAGCCTCAGCAGGC
 GATCATGTTGGCAGGCTTGATCTTCCCGCTCTGTGACCAGCCTGGGCCATACACTTGTGGAATCTGCTC
 TCACGAGGCCCTCCCTGCCTAGTCCCCATGGGACATCGCCAGGTTCTCGGACTCCCCAGAACAAAAAGG
 CTGGCAGGCACAAGCTGCAGAAATGAAGGCCCTCTGGCAGGCTGCTGAGGTGGAGCGGGACCGGCTCAAT
 GAGTTTGTCACTGTGCTGCAAAAGCGGGTGGAGGAGAGCAGCAGCAAGCTGCTAGAAGCTGAGCGGAGAC
 TGAGGAAGAGGCCAGCGAGCTGTGCTGTTGGAACAGCACCTGGAGAAGATGCGCTAGAGCCATCCAG
 GGCTCGGTGTCCAGAAAATGAAGCAAGCCAGGGCTCCTGCTGCCAACCAAGCCTAACTCAGCT
 GGAAGTGCCAAGAAAGACTCATCTCCACACAGCTCTGCGATATGCCCATGGAGTCCAGATACAGGAGC
 TGAATGCCAGGCTGGCCATCCAGATGGAAGAGAACGGAATACTGAGGGACGCCCTGGGCAGTGCCCTGAG
 AGGGAAGGAGGAGGACTTCCGCATGTACCACCAGACCCTGGGCCAGGTGAAAGGGGTCTTCTGCAGGCA
 CTACGGCAGCAGAAAGCCAACAAGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_028384

Insert Size: 2130 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_028384.1</u> , <u>NP_082660.1</u>
RefSeq Size:	2656 bp
RefSeq ORF:	2130 bp
Locus ID:	100502861
UniProt ID:	<u>D3YV10</u>
Cytogenetics:	9 F4
Gene Summary:	Required for primary cilia formation and promotes the localization of the ciliopathy protein BBS4 to both centriolar satellites and cilia.[UniProtKB/Swiss-Prot Function]