

Product datasheet for **MR225443**

Ccdc112 (NM_001160399) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc112 (NM_001160399) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc112
Synonyms:	8430438M01Rik; AW108467
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR225443 representing NM_001160399
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCTCTGACTACGGTGGTGGTGGCGGCGCGGCAACAGCAGTCGCGGGGCGGTGGCGGGGCGG
 GCGCGGCTGCGGGACCGCGTGGGAGCGCGCCGACCGCAACAGAGTGATGGCGGCTGTAGTGCTTC
 AGGTGGAATTCGTTCTTTTCAGCTTCAAACTGGAACAGAAAGTTAGTCGGACGAAGAAAGCAGAAATC
 ATACGTACAGCAGAAAAATTTAAAAACCAAGTTATTGTCATAGAAAAAGATAAACACAGTCATTTCTACA
 ACCAAAGAGGCGACTTCAGAAGTGAATATGCTGGAAGAACTGGAAAACTGATCAACAGCAG
 GAAGACAGAAAGAGCAAAATCCAGCAACAGTTGGCCAAGATACATAACAACGTAAGAACTTCAGAAC
 CAGCTGAAAGATGTGAAGCCACACCTGATTTTGTGAGAAGCTCAGAGAAATGATGGAAGAAATGAAA
 ATGCAATCAATACTTTTAAAGAAGAACAGAGACTAATATATGAAGAGCTTATTCAGGAAGAGAAAAACA
 CAATAATGAGCTGAGTGCCTCTCCAGGAGGATCGAGTCTGGGCGCTGGTAATTCGGAACAGAGAAA
 GCTTTCAGAGCCATCTCAAGCAAAGTCCCGTAGACAGAGTGACACAGAGGACGCTTCAGAACAAAGTGG
 TAGAATTTGAAAAATTCCTCCAGCAAACGGGAGGGCGGCAGGGGGGCTGGGATGCCTTGGACCACGAA
 CTTTGTGAAAGTGAGGAACAAACATAAGGGGAAGCCGACCTTTATGAAGGAGTTGTAGAACACCTCCG
 GGAAGAACTCTGGATGAAGTTCAGCAACATGAGAAGTGGTACCAAAAATTCCTGACTTTAGAAGAAAAA
 AAAAGAGTCTATTCAAAATGGAAAACCAAAAGCAGCAAAAGAAGGAGGAAATACTCAAGTAAAAGA
 AAAGGTGGACACCGTGCCTCTGCCTTCTCAAAGCAAAGCAGAAGATAGTCCAAGCAGAGAGAGGAACAG
 AGGAAGAAGCAGAAGCTGGCAGTGAAGCTTGAAGAAGCGGAAGAGTCTAGAGATGTGACGGAAGCTTG
 CTTCCAGCTCAGAGAGGAGGAAGAGAAGGAGAAAGCAGCAGAGAGAGCGGCAGCTCCAAGT
 CAAGCTGCTCCTGGAGAGCTACACCCAGCAGAGCGGGAGCAGGAAGAGTTCCTGAGGCTTGAGCAGGAG
 ATAAAGGAAAAGGCAGAGAAGGCAGAGAAGAGGAAAGACTGCTGCGGATGAGCTTGCAGGTTTCAAGAAA
 GAGATTTACATAAACTCGAATTGAAAATCTAGATAGACAGGCAAAAGAAGAAGAGAAGGCAGAAAAACA
 AAGGCGACTGACAAAATAAAAGAAAAGGTTGAAAATAATGTCAGTAGAGATCCTTCTAGGCTTTACAAA
 CCTACCAAAGGCTGGGAAGAACGAACCAAAAAGATAGGTCGTCAGGCTCTGGGCCACTTCTCCATATCC
 CACACAGGGCCATTCTACCTGGCGACAAGGAATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225443 representing NM_001160399
 Red=Cloning site Green=Tags(s)

MAALTTVVVAAAATAVAGAVAGAGAAAGTGVGAAPTQQSDGGCSASGGIRSFQLQNWKQKVSRTKKAEF
 IRTAEKFNQVIVIEKDKHSHFYNQRGDFRTEYNMLELENKLSNRKTERAKIQQLAKIHNNVKKLQN
 QLKDVKPTPDFVEKLREMMEEIENAINTFKKEEQLIYEELIQEEKTTNNELSAVSRRIESWALGNSETEK
 AFRAISSKVPVDRVTQRTLPEQVVEFEKFLQQTGGRQGGWDALDHQNFVKVRNKHGKPTFMKEVVEHLP
 GRTLDEVQQHEKWKFLTLEEKKESIQNWTKKQKKEEILKLKEKVDTVPLPSQSKAEDSPKQREEQ
 RKKQKLAVEAWKRRKLEMSAKLASQLREEEKERKQQRERQRQSKLLLESYTQQRREQEFLRLEQE
 IKEKAIEAEKRKTADELARFQERDLHLELILDRQAKKEEAEKQRRLLTKLKEKVENNVSRDPSRLYK
 PTKGWEERTKKIGPSGSPLLHIPHRAIPTWRQGI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9015_h04.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001160399

ORF Size: 1575 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001160399.1](#), [NP_001153871.1](#)

RefSeq Size: 2818 bp

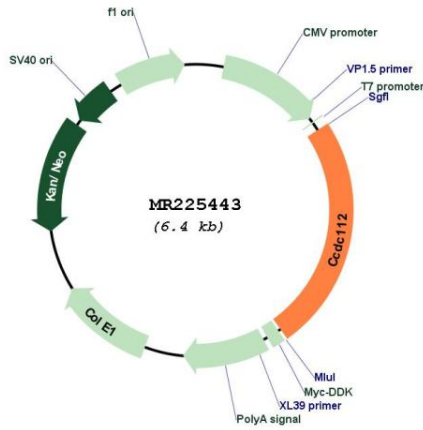
RefSeq ORF: 1578 bp

Locus ID: 240261

Cytogenetics: 18 C

MW: 61.4 kDa

Product images:



Circular map for MR225443