

Product datasheet for MR220651

Ccdc129 (NM_001081665) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc129 (NM_001081665) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc129
Synonyms:	D530004J12Rik; Gm458
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR220651 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATAATGGAGGAATTACAAGGATCTGACACTCCCAGAGCAGGTCTGGAGATGAGCAAGAGAGATATCC
TAAGACATACGAAGAGGGCATGGGCACCTCTGGATGGGCATCTGCTTCTGACTCTGAGGAAGAAAACCC
AATGGTCACTATGTATGTGCAAGAAAATCCAACAGGAAAGTATCCAGCAGTGGCTAGACTCTGGATTC
TTTGTCTCTGAAATGAAAACCTCCAGCAAACCATCAACCATACTGCTTCTTTGCACGAACAAGGAATCA
TTCAAATGACCGTGAAAGACTACATGAGATCTCTACATCAGTTCTCAGAGACTCCTACCTGTCCAGAGG
GACTAGTTTCAACTCGTGTATTCCACCACAGGTGACCTCAAAGCATTCTGAATGGCTGGAATTTTGG
GAAAAAGATCCAGTGGAGATTCTCTGGACTTGGGTTTTGGTGTCTGATGAACCAGATATCTGCACACAAA
TCCCAGCCCGGTTCTTTGGCTATAGCTCAGCAGCCAGAGGAATTAACATCCATGTTTTTCTGAAGCACA
GAAGCAGCGGATGGACTTTGAGAACCCTGACTTATATGGTCGGTTCCAACAGTTGGAAAATCTGGATCAT
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AAAGACAGGCTATGCAAAATCCTTCATCAAGTGGAGCTAAAGAACATAAGAGAAAAATGAGCCAACTTTT
AAAAAGAGCTTCAAGACAGACGAGCAGGATGGATGGTAACCCAGCACTGTCAAAATCATGCAAGACAGAA
CATGAGATCCAACCTCTGCCAACCAAGCCATGGGATCCTAGAGTGGAGCTACAGTGGCTTCCATTAGCC
ATGATGCAAGTCAAATGCTTCCATTAATAGAGTGTGGTTCTGCCAAGTCCACAATGACTTGTACCTTG
TCTCCTCTTTGTCTCCTCCGATGCTCTTCTGGACAAGCCATGGCCTTGTCTATGCACACTGGCCAAG
CAATCTCCTCATACTGTTTGTCTGAGGGTCACTTAGAAGGAGAACTGGAAGGAGAAATGGAATCACA
TGGACAGACTCAAGAACTGTACACATTGTGAGTAAAGGACCAGATTCTTTGAAATGGAAGAGGTCCA
GAGCTTTGAAGAAGACTGGCAACCCTTATCCTGACATCAGGAATTGTAGGCACTCGAGTGGACAGA
ACAAACAGCTGTCAGTCTGATAGCAGTGGATTTTGAAGAGCTACCAGAGCTCCAGCCCTCCAGGTGT
CTTCCATGACAGGCAGCCAGAGTCTACTGTCTGTAGAGTTGCAACCAAGGGATCAGAGTCATAGTCC
AGCATCACAGCAAGACTCTCTGCAGGAGTCATATGGCTCTAAATCCAAGAGCATGACAAGCTCATCTTTG



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TTGAGCCAAGATTGGAGTACATTGGAAGAAAATGCTTCAGCTTCTGTGGTGGAGGAGGACTTCAACTCA
 AGGCCATGGAAGAGCCACCAGAAAATAGTCAACCCAGATATGACCCTCATCAAGACTATCATGGTGGGAGA
 ACACCCAGAGAGTGTGCTGGACCTGTGGTCACTTCTACTTCTACATGTAATAACACAATGGGGGTCTTG
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 GAGGACTTTGCGAGAAGCCCTGAGGCAGCAAGTGGCAGAGCTGGCCTTTCAGTTAGGAGACAGAGCCAGG
 CAAATCAAAGAAGGGATCCTACTGCAGCTAGACCTTCTGTGTGAGGAGCTACCTGAACACTGCGACAATC
 TGCCACAATGCAACTGGACAGAAGGAAAGCATGGCCAGAGATCATGTGTTCAAACCCATGCTGTGGCCCC
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 AGTCCCTCTCACCTTGAGACCAGAGGAGGATATCTCTACAGTACCAGCTAGGGCAGAATCAGGTCCGG
 GTCCTTCACTCAGTCATGTTGGAGAGAAGTCTCTGTTAGACCAAAGTGGGTTTGTATGATCTTTGTACAAA
 ATGCAATGTCCAAGAGCAGCTT

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220651 protein sequence
 Red=Cloning site Green=Tags(s)

MIMEELQGS DTPRAGLEMSKRDILRHTKRAWAPLDGHL LPDSEENPMV TMYVQENSKQESIQQWLD SGF
 FVSVNENFQQTINHTASLHEQGI IQMTVKDYMRSLHQFSETPTLSRGT SFNSCYSTTGVPQSIPEWLEFW
 EKDPVEILLDLGFGAEPDICTQIPARFLGYSSAARGINIHFVLEAQKQRMDFENPDLYGRFQLEILDH
 VTNAFSSLLDGVKTQQNQHEEKAERQAMQNPSSSGAKEHKRMSQLLKRASRQTSRMDGNPALSKSCKTE
 HEIPTLPTKPWDPRVELQVASISHDASQMLPLIECGSAQVHNDLSPCPPLCPPPHALLDKPWPCSTLAK
 QSPHTCLSEGSVRRRNWKEKWNHMDRLKNLSHIVSKGPDFEMEEVQSFEE DTGNPLILTSGIVGTRVDR
 TNSCQSDSSGFLEELPELQPLQVSSMTGSQSPTVCRGCKPRDQSHSPASQQDSLQESYGSKSKSMTSSSL
 LSQDWSTLEENASASVVEEELQLKAMEEPPEIVNPDMTL IKTIMVGEHPESVAGPVVTSTSTCNNTMGVL
 VTHVTEKEDRSVGHKGTRKMLIQRHHEFSPRSFRIDQPSDNFYHVDSEITKTEDNCKVCPD TKQSSLVQE
 RPAQHSHQHRGAMPYKGD LVQTSKSI PHLDKPPGHVPTDSNAASWSVTTQMSSNLVSAARVADLGTY
 NKGTAFECTPCDPLNTTDLKLQETRQVKDVA VQTYAHECKLRPSHNDFIHGPRPLAKSISLDTGFPSIS
 ATGFCHTIPAHCCVCCHPCNCQWRRQSPGPEPSICRHSLSQAEDPKVQFMKTLKILQD TTVRDLCSCT
 VYEMETMKMVCQSFREHLEEIEQHFMGQALYPRDMSEEEEREEAEYLRTLREALRQQVAELAFQLGDRAR
 QIKEGILLQLDLLCEELPEHCDNLPQCNWTEGKHGQRSCVQTHAVAPDPTLPASSGQWTPCSGMTQPVAL
 SPSHLETRGGISLQSPARAESGPGPSLSHVGEKSLLDQSGFDDLCTKCNVQEQL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001081665

ORF Size: 3105 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_001081665.1](#), [NP_001075134.1](#)

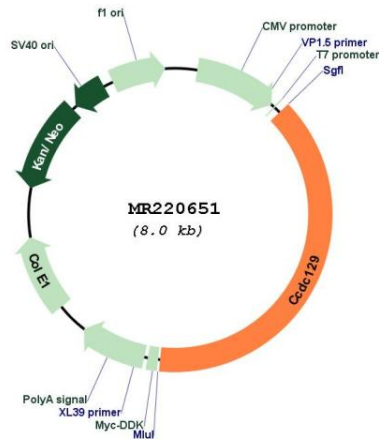
RefSeq Size: 3284 bp

RefSeq ORF: 3105 bp

Locus ID: 232016

UniProt ID: [Q14B48](#)
 Cytogenetics: 6 B3
 MW: 115.6 kDa

Product images:



Circular map for MR220651