

Product datasheet for **MR216451**

Ccdc105 (NM_027630) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc105 (NM_027630) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc105
Synonyms:	4931413A09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR216451 representing NM_027630
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGTGTGCTCCCTCCACCGACCCGGGCCAGGACTCGCGGTTGGGGCTCCAGAATGGCGCCAGG
 CGGCCAAGGCCAGTCTCGCAAGGCACACCTTCTGACCGATCGCTGTGGGCAAGGAGCGGTGACCATGTG
 GCAGCCCAAGGACAGTGTACTGGACCCGAACGTGGCACACCACCTGGGCCGCGCCGCTACATGGAACCC
 TGGCGCTTTCGGGTAGAGATGCTCAAAGGGGGCGGCACCTGGAAAAGCCACCGCCCGGAGAAGGCGTCA
 CCCTATGGAAGGAAGATGAAGCCCCGGCCTGGTACGCGCGCCTACCGCTGCCTATGCACCGCGACGC
 GCGTGCCAGCAAACCGCCGAGGTGGTGCACGCGCACGCACGCGGGGCGCGCCTCACCGCCGCCGCTG
 GGCCGCGCACAGCACCAGATCAATGGGCAGCTGCGGCTGCTGCTGCGCCAGCGGAGGCCACTGACCGCA
 GGCTCAGCGAGGTGCGCAAGGGCCTGCTCATCAATCAGCAGAGCGTCAAGTTGCGGGGCTACCGACTAA
 GTGTGAGAAGATCCAGACAAGGCTGACAGCTTGTCTGGGAGAAAAAGGAAGTGAAGTCCATGAAG
 AGAAAAATGGAGAAGGACATGGAATATCGGAGGACTTGTCAAGGCTCTGGCCTCTGCAGGGGACTC
 TGGACTTCTACTGTGAGAAAGGCTGCAAGCTGTGGAAGTCAATGAACAGCCACTGGACAAAAGTTCTGGA
 GCAGGCTGGCCGCACTCGTGGGTAGACATCACCCGACCCCAACTCCTCGAACTCAGGGCTTGAACG
 CCTCCTCTGACCCATTGGCACATATACCCAGCGTGTGCTAAGGCCTTGTGTTGAAGCCAAGCGCTTGT
 TGATGGAGTCAAAGACATCTTAACAGAGATGGCAAAGAATGAGGTGGACATTCAAAATCAACAACAGGA
 GATAAGCAACCGTGTATGCTCCTCGCTGGCACAGAAGATGCGTGAGACCTGGAGTTGAAGGAAAGAAATG
 ACCATGACTTTGGGGCTAATGAGGGGACTATCCACCGTGCATGAAATCAATCAAGAGATGTACGTCA
 CGCGGGGCATCATCAAGGTCTCTGTTGAAAAGGAACCTGGAGGCGGAGAGAAAAGTGAACAGACCCTT
 GGTTGCGATGTATCAGAGACACGTGGGCACCCAGCTCCCGAGGCTACTCGCCTTGCCGAGGACTGAC
 CTGCTGACCCGCCACAATTGCACATGGAAGAATTTAAAAGAGCTCCGTACAACACACGATAACCTCG
 CCTGGGGCCTCAACTGCAAAAAGATAGGGCACGATGTGGACTACGATGTGGTGCCTGCGCCTACGCCA
 GCGCCACCCGACGTGTCTATGAGCAAGCGCAGCGCCTGGTCAACGACTGGGACCCTCCACACCAGCG
 CGCAGCCAAACCAATACCGCTCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR216451 representing NM_027630
 Red=Cloning site Green=Tags(s)

MPVLLPSTDPGQDSRVGAPEWRQAAKATSRKAHLLTDRCGQEAVTMWQPKDSVLDPNVAHHLGRAAYMEP
 WRFVREMLKGGGTLEKPPPGEGVTLWKGKMKPPAWYARLPLPMHRDARAQQTAEVVHAHARGARLTAARL
 GRAQHQINGQLRLLLRQREADRRLSEVRKGLLINQSVKLRGYRPKCEKIPDKADSLLVWEKKELKSMK
 RKMEKDMEISEDLLKALASCRDTLDFYCQERLQAVELMNQPLDKVLEQAGRHSWVDITRPPPTPTQGLKT
 PPPDPIGTYTPACAKALFEAKRLLMESKDILTEMAKNEVDIQNQQQEISNRVCSLAQKMRETLELKERM
 TMTLGLMRGTIHRMKNFNQEMYVTRGIIKGPLLKRNLAREKLNRPVVMYQRHVGTQLPEATRLAQGTD
 LLTRHNLHMEKNLKELRTHDNLAWGLNCKIGHDVEDVDVRLRLRQRHPHVCYEAQRLVNDWDPPTPA
 RSQTNTASK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9090_e03.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_027630

ORF Size: 1497 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_027630.1](#), [NP_081906.1](#)

RefSeq Size: 1718 bp

RefSeq ORF: 1500 bp

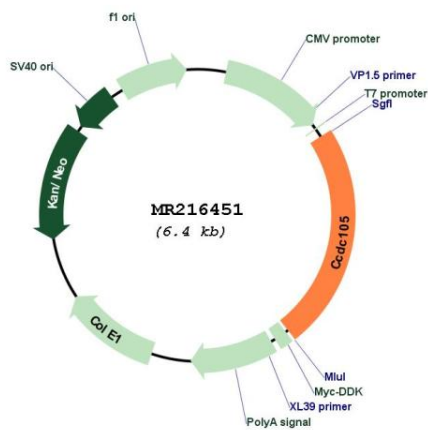
Locus ID: 70976

UniProt ID: [Q9D4K7](#)

Cytogenetics: 10 C1

MW: 57.3 kDa

Product images:



Circular map for MR216451