

Product datasheet for **MR210555**

C6 (NM_016704) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6 (NM_016704) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C6
Synonyms:	AW111623
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR210555 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCAGACATCTCACCTTGTGTTTCATTTTGTCTGGTCATGCTGATTGACAAGAGTGAAGCCTGTTTCT
 GTGACCACTACCCATGGACTCACTGGTCCAGCTGTTCTAAGTCCTGCAATTCTGGAACCCAGAGCAGACA
 GAGACAAGTAGTAGTGAACGATTACTATTGGAAAACTTATGCGATAAGCTTTGTATCAAGCAGGAGACC
 AGAGAGTGCAACTTGACAGCATGTCCCACACTGTGTCTAGGAGACTATGGGACATGGTCAGACTGTG
 ACCCTTGTACTGAAAAACAGGTTAAAGTAAATCTGTCTGCGCCCAAGTCAGTTTGGGGGCAACCATG
 CACAGAGCCCCTGGTGACCTTTCAACCATGTGTCCCTCCAAGCTCTGCAAAATTGAAGAGACTAACTGC
 AAGAATAAGTTTCTCTGTGACAGTGGGCGCTGTATCCAGCAAGTTAGAATGCAATGGAGAGAATGACT
 GTGGAGACAATTCAGATGAAAGGAACTGTGGGAGGACAAAGCCAGTGTGCACACGGATATACACTCCCAT
 CCCTAGTGTGACGCTGATGGGCACTGGGTTTCATTTTCTGGCAGGAGAGCCAGAGGAGAAGTTCCTTGAC
 AACTCTTTCAGTGGAGGAATATGTAACCTTGTCAAGACCAGTCGAGCCAGTAATCCATACCGTGTTCAG
 CCAATCTGGAAAAATGCAACTTTGAGGTACAACTATAGAAGATGACTTGAAAAACAAGTTCACAAGAA
 TTTAATCTCTTTTAAAAAATAAAAAATGAAGACAGTCTTTCAGTGGATGAAAGGACAAAATTTTCCCT
 ATACCAATTTTCCATTTCTCAGAGAAAAATGAACATTCACATTATAGCTCTGCCTTCAACAAAGTCATTA
 AAGTTCCCAAGAAGGATTCTAGCTTATCAGGATCCATAAGCTGATAAAAGTCTTAACTTCACAAAT
 GAAAGCAACAGACCTACAGCTTTCAGATGTCTTCTGAAAGCCCTGTCCACCTGCCTTTAGAATACAAC
 TCTGCTGTGTACAGCCGGATATTTGATGACTTCGGGACCCACTACTTCACCTCAGGCTCCCTTGGGGCA
 AGTATGACCTTATCTACCAATTCAGCCGAGGACTACAGAACTCAGGTTTAAACAAGAAGAAGCTCA
 AAAGTGTGTCCAGTATGAAACAAAGAACTTAAAGTTTCTTTATATGGAAATACACAAGGAAGACAGTGC
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 TCCAGGGCGGGAGGAGTCAAGCAGCAGCAGCCTTGGCTTGGGAGAAGGGCACCTCTGGTCCAGAGGAGAA
 TGTCTATTCTGAGTGGCTAGAATCGGTGAAGGAAAACCTGCTGTAGTTGATTATAAGCTTGCCCAATT
 ACAGACTTGGTCAGAAACATCCCATGTGCAGTGACAAAACGGAACAACCTCAGGAGAGCGCTTCAAGAGT
 ATGCAGCCAAGTTTGACCCTTGCCAGTGTCTCCATGTCCAATAATGGCCGCCAGGCTCTCAGGCAC
 GGAATGCCTGTGTGTGCCAGAGCGGCACCTACGGTGAAGACTGTGAGCGCAGGTCACAGGTTACAAA
 TCTGATGCAGTGGATGGAAGTGGGGCTGCTGGTCTTCTGGAGTGCCTGCAATGCTGCTTATAGGAGAT
 CAAGAACCCGAGAGTGTAAATACCCTGCGCCACAGCGAGGAGGACAAAGCTGTGGTGGCAAGGATCAGCA
 AGAAGAAGACTGTACAGTCTCAATAATGAAAAATGTTGGACAACCATGTATCAATGATGATGAAGAAATG
 AAAGAAGTAGACCTTGTGAGCCAGAAGCAGAATCAGGGTGTCTCAACCACCTCTCCAGAAAACGCAT
 TTACCTGGAAATGAGAAGAACTGTACTCAGTGGGGAGGAAGTTGAAATTTATGCTTACTGGATTACAC
 AGCTGTTGGATTCCAGTACTTGAGATGTTTACCAGACAGAACCTGGAGTCAAGGAGATGTGGATGCCAA
 AGGACCTCGTGCCTCAAGCCCGTTGTTCCAGGATGTCTGACCATCTCCCATTTCCAGAGAGTGTATCAGA
 TTGGGGAAATCCATTGAGCTGACATGCCCCAGAGGCTTTGTTGTTGCTGGACCATCAAGGTATACATGCAA
 GGAAGACTCCTGGACACCTCCCATTTCAAATTCATTGACCTGTGAACAAGGTGTGAGAGACCATCCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210555 protein sequence
 Red=Cloning site Green=Tags(s)

MTRHLTLCFILLVMLIDKSEACFDHYPWTHWSSCSKSCNSGTQSRQRQVVVNDYYWKNLCKDKLCKIQET
 REC�LQTCPINCVLGDYGTWSDCDPCTEKQVKVKSVLRPSQFGGQPCTEPLVTFQPCVPSKLCCKIEETNC
 KNKFLCDSGRCIPSKLECNGENDCGDNNDERNCGRTPVCTRIYTPISVQLMGTGFHFLAGEPRGEVLD
 NSFTGGICKLVKTSRASNPYRVSANLENVNFVQTIEDDLKTEFYKNLISFEKKNEDSLSDERTKFFP
 IPIHFHSEKNEHSYSSAFNKVIKASHKKDSSFIRIHKLKVLNFTMKATDLQLSDVFLKALVHLPLEYN
 SAVYSRIFDDFGTHYFTSGSLGGKYDLIYQFSRQELQNSGLTEEEAQNCVQYETKKLFLYMEIHKEDTC
 TKNKLSEKYGGSFQGGSEKISLVQGGRSQAAALAWEKGTSGPEENVYSEWLESVKENPAVVYDKLAPI
 TDLVRNIPCAVTKRNNLRALQEYAAKFDPCQCAPCPNNGRPRLSGTECLCVCQSGTYGENCERRSPGYK
 SDAVDGNWGCWSSWSACNAAYRRSRTRECNPAPQRRGGQSCGGKDQEEEDCTVSIMENVGQPCINDDEEM
 KEVDLAEPEAESGCSQPPLPENAFWNEKKLYSGEEVEISCLTGFTAVGFQYLRLCLPDRTWSQGDVEQC
 RTSCLKPVVQDLTISPFQRVYQIGESIELTCPRGFVVAGPSRYTCKEDSWTPPISNSLTCEQGVRDHP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_016704

ORF Size: 2310 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_016704.2](#)

RefSeq Size: 2863 bp

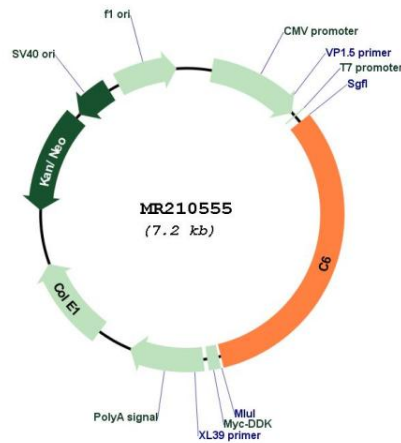
RefSeq ORF: 2310 bp

Locus ID: 12274

Cytogenetics: 15 1.97 cM

MW: 86.6 kDa

Product images:



Circular map for MR210555