

Product datasheet for MR204983

Cdc3711 (NM_025950) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc3711 (NM_025950) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cdc3711
Synonyms:	2700033A15Rik; BB159850; Cdc371; Ha; Harc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204983 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCAGCCGTGGCCGCCACCGGGCCCTGGAGCTTCCCAGGACTGGCGGGAAACCGAGGAGGAGA
GTGACTTAGACGTGTCCCCTCTTCGTCCCCTACTCTCCGGTACCGGACGGCGGCCAGATGTATAG
CCACGGGATTGAGCTGGCTTGCCAAAAGCAGAAAGAATTTGTGAAGAGCTCTGTTGCATGTAATGGAAT
CTTGCTGAAGCCAGCAGAAACTTGGCAGCTTAGCACTGCATAACTCTGAGTCTTGGATCAGGAACACG
CCAAAGCACAGACCGCGGTGTCAGAACTGAGGCAGCGGAAGAAGAGTGGCGACAGAAAGAAGAGGCTCT
GGTCCAAAGAGAGAGGATGTGTCTCTGGAACATGGATGCCATTAGCAAGGATGTTTTTAATAAGAGTTTT
ATTAATCAAGATAAAAGAAAAACAGAAGAGGAAGATAAATCACAATCATTATGCAGAAATATGAGCAAA
AAATCAGACATTTTGGTATGTTGAGTCGCTGGGATGACAGTCAGAGGTTTTTGTCTGACCACCCACACCT
CGTATGTGAAGAGACTGCTAAATATCTTATTTTATGGTGTTCACCTAGAAGCTGAGCAGAAAGGCGCT
CTAATGGAACAGATAGCACACCAAGCTGTGTAATGCAGTTTATTATGGAATGGCCAAAACCTGCAATG
TGGATCCAAGAGGCTGTTTTCGTTTGTTCAGAAAGCCAAAGCGGAGGAAGAAGGTTATTTTGAAGC
ATTCAAAATGAACCTTGAAGCTTTCAAGTCAAGAGTAAGACTTTACGCTCAATCACAAGCTTGCAGCCT
GTGACAGTTCAGAATCATGTCCCCATTCTGGTGTGGATGCATAGGCTCCTTAGAATCCTTACCACAGA
ATCCAGATTCTCTTCAGTGTGTACCCCTGCCCTCTGTGCAGTGTAGACTCAGTGGTACACAAAGAAGA
TGATGACCGAATGATGGACTGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204983 protein sequence
 Red=Cloning site Green=Tags(s)

MEQPWPPPGPWSFPRTGGETEESDLVSPSSSHYSPVPDGGAQMYSHGIELACQKQKEFKSSVACKWN
 LAEAQQKLGSLALHNSESLDQEHAKAQTAVSELRQREEEWRQKEEALVQRERMCLWNMDAISKDVFNKSF
 INQDKRKTEEDKQSFMQKYEQKIRHFGMLSRWDDSQRFLSDHPHLVCEETAKYLILWCFHLEAEQKGA
 LMEQIAHQAVVMQFIMEMAKNCNVDPKRCFRLFFQKAKAEIEGYFEAFKNELEAFKSRVRLYAQSLSLQP
 VTVQNHVPHSGVGCIGSLESPLQNPDSLQCCTPAPLCSVDSVVHKEDDDRMMDTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_025950

ORF Size: 1008 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_025950.4](#)

RefSeq Size: 2517 bp

RefSeq ORF: 1008 bp

Locus ID: 67072

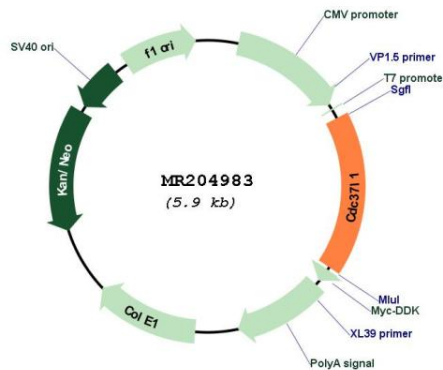
UniProt ID: [Q9CZP7](#)

Cytogenetics: 19 C1

MW: 38.4 kDa

Gene Summary: This gene encodes a protein related to the Hsp90 co-chaperone Cdc37. This protein may have a role in mediating interactions between the Hsp90 complex and other proteins. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]

Product images:



Circular map for MR204983