

Product datasheet for **MG204983**

Cdc3711 (NM_025950) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdc3711 (NM_025950) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Cdc3711
Synonyms: 2700033A15Rik; BB159850; Cdc371; Ha; Harc
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG204983 representing NM_025950
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCAGCCGTGGCCGCCACCGGGCCCTGGAGCTTCCCAGGACTGGCGGGAAACCGAGGAGGAGA
 GTGACTTAGACGTGTCCCCTCTTCGTCCCACTACTCTCCGGTACCGGACGGCGGCCAGATGTATAG
 CCACGGGATTGAGCTGGCTTGC AAAAGCAGAAAGAATTTGTGAAGAGCTCTGTTGCATGTAATGGAAT
 CTTGCTGAAGCCCAGCAGAACTTGGCAGCTTAGCACTGCATAACTCTGAGTCTTGGATCAGGAACACG
 CCAAAGCACAGACCGCGGTGTCAGAACTGAGGCAGCGGAAGAAGAGTGGCGACAGAAAGAAGAGGCTCT
 GGTCCAAAGAGAGAGGATGTGTCTCTGGAACATGGATGCCATTAGCAAGGATGTTTTTAATAAGAGTTTT
 ATTAATCAAGATAAAAGAAAAACAGAAGAGGAAGATAAAATCACAATCATTATGCAGAAATATGAGCAAA
 AAATCAGACATTTTGGTATGTTGAGTCGCTGGGATGACAGTCAGAGGTTTTTGTCTGACCACCCACACCT
 CGTATGTGAAGAGACTGCTAAATATCTTATTTTATGGTGTTCACCTAGAAGCTGAGCAGAAAGGCGCT
 CTAATGGAACAGATAGCACACCAAGCTGTGTAATGCAGTTTATTATGAAATGGCCAAAACCTGCAATG
 TGGATCCAAGAGGCTGTTTTCGTTTGTTCAGAAAGCCAAAGCGGAGGAAGAAGGTTATTTTGAAGC
 ATTCAAAATGAACTTGAAGCTTCAAGTCAAGAGTAAGACTTTACGCTCAATCACAAGCTTGCAGCCT
 GTGACAGTTCAGAATCATGTCCCCATTCTGGTGTGGATGCATAGGCTCCTTAGAATCCTTACCACAGA
 ATCCAGATTCTCTTCAGTGTGTACCCCTGCCCTCTGTGCAGTGTAGACTCAGTGGTACACAAAGAAGA
 TGATGACCGAATGATGGACTGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204983 representing NM_025950
Red=Cloning site Green=Tags(s)

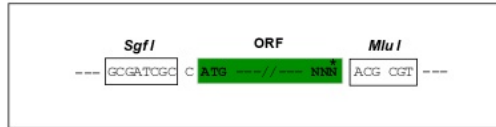
MEQPWPPPGPWSFPRTGGETEESDLVSPSSSHYSPVPDGGAQMYSHGIELACQKQKEFVKSSVACKWN
 LAEAQQKLGSALHNSESLDQEHAKAQTAVSELRQREEEWRQKEEALVQRERMCLWNMDAISKDFNKSF
 INQDKRKTEEEKSQSFMQKYEQKIRHFGMLSRWDDSQRFLSDHPLVCEETAKYLILWCFHLEAEQKGA
 LMEQIAHQAVVMQFIMEMAKNCNVDPKRCFRLFFQKAKAEIEGYFEAFKNELEAFKSRVRLYAQSLSLQP
 VTVQNHVPHSGVGCIGSLESLPQNPDSLQCCTPAPLCSVDSVVHKEDDDRRMMDTV

TRTRPLE - GFP Tag - V

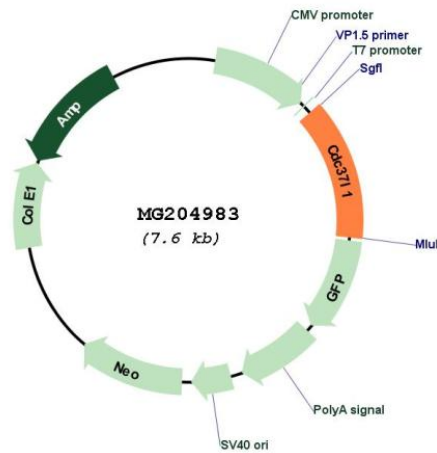
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_025950

ORF Size: 1005 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:	<ol style="list-style-type: none">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:	2518 bp
RefSeq ORF:	1008 bp
Locus ID:	67072
UniProt ID:	Q9CZP7
Cytogenetics:	19 C1
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]