

Product datasheet for **MC227015**

Cdc3711 (NM_001302443) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdc3711 (NM_001302443) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cdc3711
Synonyms: 2700033A15Rik; BB159850; Cdc371; Ha; Harc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227015 representing NM_001302443
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCAGCCGTGGCCGCCACCGGGCCCTGGAGCTTCCCGAGGACTGGCGGGAAACCGAGGAGGAGA
GTGACTTAGACGTGTCCCCTCTTCGTCCCACTACTCTCCGGTACCGGACGGCGGCCAGATGTATAG
CCACGGGATTGAGCTGGCTTGCCAAAAGCAGAAAGAATTTGTGAAGAGCTCTGTTGCATGTAATGGAAT
CTTGCTGAAGCCAGCAGAACTTGGCAGCTTAGCACTGCATAACTCTGAGTCCTTGATCAGGAACACG
CCAAAGCAGACCGCGGTGTCAGAAGTGAAGCAGCGGGAAGAAGAGTGGCGACAGAAAGAAGAGGCTCT
GGTCCAAGAGAGAGGATGTGTCTCTGGAACATGGATGCCATTAGCAAGGATGTTTTAATAAGAGTTTT
ATTAATCAAGATAAAAGAAAAACAGAAGAGGAAGATAAATCACAATCATTTATGCAGAAATATGAGCAA
AAATCAGACATTTTGGTATGTTGAGTCGCTGGGATGACAGTCAGAGGTTTTTGTCTGACCACCCACACCT
CGTATGTGAAGAGACTGCTAAATATCTTATTTTATGGTGTTCACCTAGAAGCTGAGCAGAAAGGCGCT
CTAATGGAACAGATAGCACCAAGCTGTGTAATGCAGTTTATTATGGAATGGCCAAAACTGCAATG
TGGATCCAAGAGGCTGTTTTCGTTTGTTCAGAAAGCCAAAGCGGAGGAAGAAGGTTATTTTGAAG
ATTCAAAAATGAACTTGAAGCTTTCAAGTCAAGAGTAAGACTTTACGCTCAATCACAAGCTTGACGCT
GTGACAGTTTCAAGATCATGTCCCCATTCTGGTGTGGATGCATAGGCTCCTTAGAATCCTTACCACAGT
TCTTCAGGTTTCGGTCTGTGTGGACTCCACAATCCACTTTCTTTCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001302443
Insert Size: 960 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001302443.1</u> , <u>NP_001289372.1</u>
RefSeq Size:	5520 bp
RefSeq ORF:	960 bp
Locus ID:	67072
UniProt ID:	<u>Q9CZP7</u>
Cytogenetics:	19 C1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) uses an alternate splice site in the 3' terminal exon, compared to variant 1. It encodes isoform 4 which is shorter and has a distinct C-terminus, compared to isoform 1.</p>