

## Product datasheet for **MR229226**

### Cdc37l1 (NM\_001302443) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cdc37l1 (NM\_001302443) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Cdc37l1  
**Synonyms:** 2700033A15Rik; BB159850; Cdc37l; Ha; Harc  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR229226 representing NM\_001302443  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGCAGCCGTGGCCGCCACCGGGCCCTGGAGCTTCCCGAGGACTGGCGGGAAACCGAGGAGGAGA  
GTGACTTAGACGTGTCCCTCTTCGTCCCACTACTCTCCGGTACCGGACGGCGGCCAGATGTATAG  
CCACGGGATTGAGCTGGCTTGCCAAAAGCAGAAAGAATTTGTGAAGAGCTCTGTTGCATGTAATGGAAT  
CTTGCTGAAGCCAGCAGAACTTGGCAGCTTAGCACTGCATAACTCTGAGTCCTTGATCAGGAACACG  
CCAAAGCAGACCGCGGTGTCAGAACTGAGGCAGCGGAAGAAGAGTGGCGACAGAAAGAAGAGGCTCT  
GGTCCAAGAGAGAGGATGTGTCTCTGGAACATGGATGCCATTAGCAAGGATGTTTTTAATAAGATTTT  
ATTAATCAAGATAAAAGAAAAACAGAAGAGGAAGATAAATCACAATCATTTATGCAGAAATATGAGCAA  
AAATCAGACATTTTGGTATGTTGAGTCGCTGGGATGACAGTCAGAGGTTTTTGTCTGACCACCCACCT  
CGTATGTGAAGAGACTGCTAAATATCTTATTTTATGGTGTTCACCTAGAAGCTGAGCAGAAAGGCGCT  
CTAATGGAACAGATAGCACACCAAGCTGTGTAATGCAGTTTATTATGGAATGGCCAAAACTGCAATG  
TGGATCCAAGAGGCTGTTTTCGTTTGTTCAGAAAGCCAAAGCGGAGGAAGAAGGTTATTTTGAAG  
ATTCAAAAATGAAGCTTTCAAGTCAAGAGTAAGACTTTACGCTCAATCAGAAAGCTTGCAGCCT  
GTGACAGTTTCAAGATCATGTCCCCATTCTGGTGTGGATGCATAGGCTCCTTAGAATCCTTACCACAGT  
TCTTCAGTTCGGTCTGTGTGGACTCCACAATCCACTTTCTTTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR229226 representing NM\_001302443  
 Red=Cloning site Green=Tags(s)

MEQPWPPPGPWSFPRTGGETEESDLVSPSSSHYSPVPDGGAQMYSHGIELACQKQKEFKVSSVACKWN  
 LAEAQQKLGLSLALHNSESLDQEHAKAQTAVSELRQREEEWRQKEEALVQRERMCLWNMDAISKDVFNKSF  
 INQDKRKTEEDKSQSFMQKYEQKIRHFGMLSRWDDSQRFLSDHPHLVCEETAKYLIILWCFHLEAEQKGA  
 LMEQIAHQAVVMQFIMEMAKNCNVDPKRCFRLFFQKAKAEEEGYFEAFKNELEAFKSRVRLYAQSLSLQP  
 VTVQNHVPHSGVGCIGSLESPLQFFRFRSVWTPQFHFLS

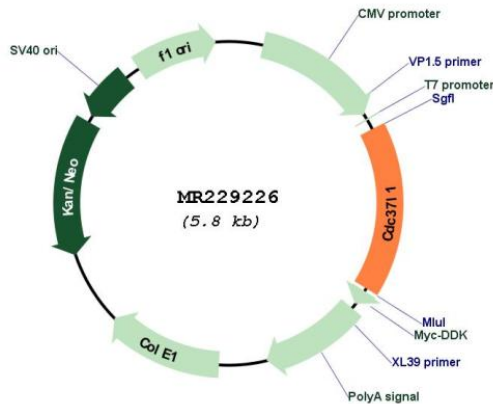
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001302443

**ORF Size:** 957 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001302443.2</a>
<b>RefSeq Size:</b>	5520 bp
<b>RefSeq ORF:</b>	960 bp
<b>Locus ID:</b>	67072
<b>UniProt ID:</b>	<a href="#">Q9CZP7</a>
<b>Cytogenetics:</b>	19 C1
<b>MW:</b>	37.5 kDa
<b>Gene Summary:</b>	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]