

Product datasheet for MR229176

Cdc37l1 (NM_001302380) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdc37l1 (NM_001302380) 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: >MR229176 representing NM_001302380
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGCAGCCGTGGCCGCCACCGGGCCCTGGAGCTTCCCGAGGACTGGCGGGAAACCGAGGAGGAGA
 GTGACTTAGACGTGTCCCCTCTTCGTCCCACTACTCTCCGGTACCGGACGGCGGCCAGATGTATAG
 CCACGGGATTGAGCTGGCTTGCCAAAAGCAGAAAGAATTTGTGAAGAGCTCTGTTGCATGTAATGGAAT
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 CCAAAGCAGACCCGCGGTGTCAGAAGTGAAGCAGCGGGAAGAAGAGTGGCGACAGAAAGAAGAGGCTCT
 GGTCCAAGAGAGAGGATGTGTCTCTGGAACATGGATGCCATTAGCAAGGATGTTTTTAATAAGAGTTTT
 ATTAATCAAGATAAAAGAAAAACAGAAGAGGAAGATAAATCACAATCATTTATGCAGAAATATGAGCAA
 AAATCAGACATTTTGGTATGTTGAGTCGCTGGGATGACAGTCAGAGGTTTTTGTCTGACCACCCACACCT
 CGTATGTGAAGAGACTGCTAAATATCTTATTTTATGGTGTTCACCTAGAAGCTGAGCAGAAAGGCGCT
 CTAATGGAACAGATAGCACACCAAGCTGTGTAATGCAGTTTATTATGGAATGGCCAAAACTGCAATG
 TGGATCCAAGAGGCTGTTTTCGTTTGTTCAGAAAGCCAAAGCGGAGGAAGAAGGTTATTTTGAAG
 ATTCAAAAATGAACTTGAAGCTTCAAGTCAAGAGTAAGACTTTACGCTCAATCACAAGCTTGACGCT
 GTGACAGTTCAGAAATCATGTCCCCATTCTGGTGTGGATGCATAGGCTCCTTAGAATCCTTACCACAGT
 TCTCATTCTTGGAGGCTCATAGGAAC

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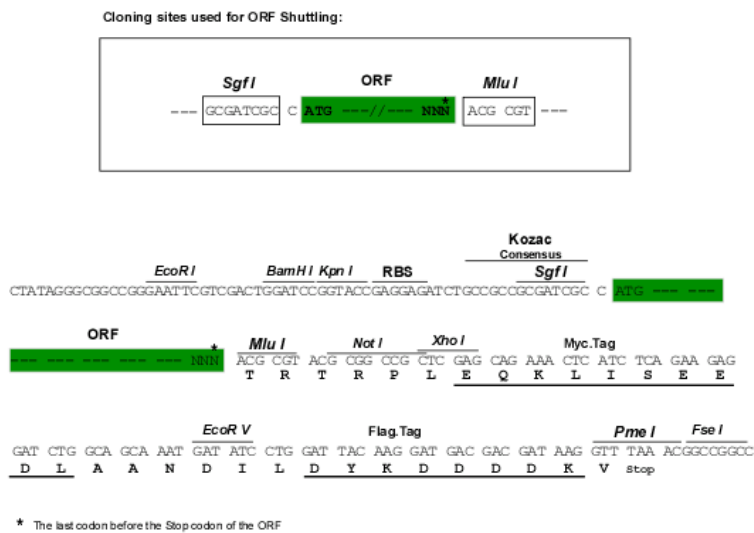
Protein Sequence: >MR229176 representing NM_001302380
 Red=Cloning site Green=Tags(s)

MEQPWPPPGWSPFRTGGETEEESDLDVSPSSSHYSPVDPGGAQMYSHGIELACQKQKEFVKSSVACKWN
 LAEAQQKLGSLALHNSESLDQEHAQAQTAVSELRQREEEWRQKEEALVQRERMCLWNMDAISKDVFNKSF
 INQDKRKTEEDKQSFMQKYEQKIRHFGMLSRWDDSQRFLSDHPLVCEETAKYLILWCFHLEAEQKGA
 LMEQIAHQAVVMQFIMEMAKNCNVDPRGCFRLFQKAKAEIEGYFEAFKNELEAFKSRVRLYAQSLSLQP
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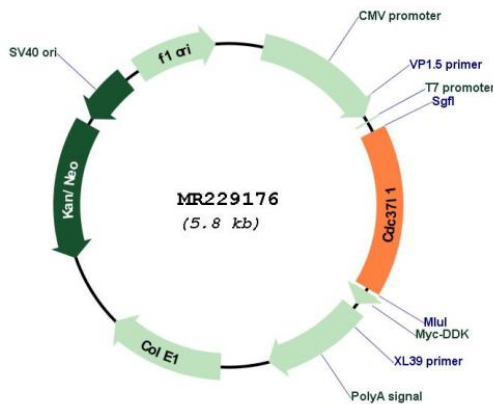
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001302380
ORF Size: 936 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_001302380.2
RefSeq Size:	2987 bp
RefSeq ORF:	939 bp
Locus ID:	67072
UniProt ID:	Q9CZP7
Cytogenetics:	19 C1
MW:	36.5 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]