

Product datasheet for **RR206646**

Cdc37l1 (NM_001011941) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdc37l1 (NM_001011941) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cdc37l1
Synonyms: Cdc37l
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206646 representing NM_001011941
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCAGCCGTGGCCGCCACCGGGCCCTGGAGCTTCCCGAGGACTGGCGGGGAGACCGAGGAAGAGA
GTGACTTAGACGTGTCCCCTCTTCTCCCACTACTCTCCGGTACCGGACGGCGGCCAGATGTATAG
CCACGGGATTGAGCTGGCGTGCCAAAGGCAGAAAGAGTTGTGAAGAGCTCTGTGGCGTGCAATGGAAT
CTAGCTGAAGCCCAGCAGAACTTGGCAGTTTAGCACTGCATAACTCTGAGTCCTTGGATCAGGAACATG
CCAAAGCGCAGACCCGAGTGTGAGAGCTGAGGCAGCGGGAAGAAGAATGGCGACAGAAAGAGGAGGCTCT
GGTCCAGAGAGAGAGGACGTGTCTCTGGAACGTGGATGCCATTAGCAAGGATGTTTTAATAAGAGTTTT
ATTAATCAAGATAAAAGAAAAACAGAAGATGAAGATAAATCACAATCATTTATGCAGAAATATGAGCAAA
AAATCAGACATTTTGGTATGTTGAGTCGATGGGATGATAGTCAGAGATTTTGTCTGACCACCCGTACCT
TGTATGTGAAGAACTGCTAAATACCTTATTTTATGGTGTTCACCTAGAAGCTGAGCAGAAAGGCGCT
CTAATGGAACAGATAGCACATCAAGCTGTTGTGATGCAGTTTATTATGAAATGGCCAAAACTGTAATG
TGGATCCAAGAGGCTGTTTTCGTTTGTTCAGAAAGCCAAAGCAGAGGAAGAAGGTTATTTTGAAGC
ATTCAAAAATGAGCTTGAAGCTTCAAGGCAAGAGTAAGACTTTACGCTCAGTCACAAAGCTTTGACCT
GTGACAGTTGAGAATCATGCTCCCCATTCTGGTGTGCGGTGCATAGGCTCCGCAGAACCCCTACCCAGA
ATCCAGATTCTTTCAGTGTTGTCCCCTGCCCTCTGTGCAGTGTAGACTCAGTGGTACATAAAGAAGA
CGACGACAGGATGATGGACTGTG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206646 representing NM_001011941
Red=Cloning site Green=Tags(s)

MEQPWPPPGPWSFPRTGGETEESDLVSPSSSHYSPVPDGGAQMYSHGIELACQRQKEFVKSSVACKWN
 LAEAQQKLGLALHNSESLDQEHAKAQTAVSELRQREEEWRQKEEALVQRERTCLWNVDAISKDFNKSF
 INQDKRKTEDEKSSQSMQKYEQKIRHFGMLSRWDDSQRFLSDHPYLVEETAKYLILWCFHLEAEQKGA
 LMEQIAHQAVVMQFIMEMAKNCNVDPKRCFRLFFQKAKAEIEGYFEAFKNELEAFKARVRLYAQSQSFAP
 VTVENHAPHSGVGCIGSAEPLPQNPDSLQCCPPAPLCSVDSVVHKEDDDRRMMDTV

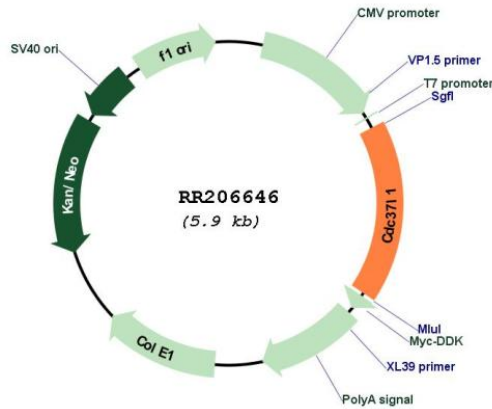
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001011941

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_001011941.1 , NP_001011941.1
RefSeq Size:	1633 bp
RefSeq ORF:	1008 bp
Locus ID:	293886
UniProt ID:	Q5XIC3
Cytogenetics:	1q52
MW:	38.3 kDa
Gene Summary:	Co-chaperone that binds to numerous proteins and promotes their interaction with Hsp70 and Hsp90.[UniProtKB/Swiss-Prot Function]