

Product datasheet for RN202049

Cdc37 (NM_053743) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc37 (NM_053743) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdc37
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202049 representing NM_053743 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGACTACAGCGTTTGGGATCACATCGAGGTGTCGGACGATGAGGACGAGACGCCACCCCAACATAG
ACACGGCCAGCCTGTTCCGCTGGCGGCACCAGGCCGGGTGGAACGCATGGAACAGTTTTCAGAAGGAGAA
AGAAGAAGTGGACCGGGGCTGCCGGGAATGCAAGCGCAAGGTAGCCGAGTTCAGCGCAAGCTGAAGGAA
CTGGAAGTGGCTGAGGGTGGTGGCCAGGTGGAGCTTGAGCGGCTTCGAGCGGAGGCACAGCAGCTGCGCA
AGGAGGAGCGAACTGGGAGCAGAAGCTGGAGGACATGCGGCAAAAAGGAGAAGAACATGCCTGGAAATGT
GGACACACTCAGCAAAGATGGCTTCAGCAAGAGCATGGTCAATACCAAGCCTGAGAAGGCAGAGGAAGAC
TCAGAGGAGGCAAGGGAGCAGAAACACAAGACCTTCGTTGAAAAATACGAGAAACAGATCAAACATTTTCG
GCATGCTCCACCGCTGGGATGACAGCCAGAAGTACCTGTCAGACAATGTCCACCTGGTGTGCGAGGAGAC
AGCCAACCTACCTGGTTATCTGGTGCATTGACCTGGAAGTCGAGGAGAAGTGTGCCCTGATGGAGCAGGTG
GCTCACCAGACCATGGTCATGCAGTTCATCCTGGAGTTGGCCAAGAGTCTGAAGGTCGACCCCGGGCCT
GCTTCCGGCAGTTTTTCCACCAAGATCAAGACTGCTGACCAGCAGTACATGGAGGGCTTCAAGTATGAACT
GGAGGCCCTTAAGGAGCGTGTGCGGGGCCGCGCAAGCTGCGAATAGAGAAGGCCATGAAGGAGTACGAG
GAGGAGGAGCGCAAGAAGAGGCTAGGCCCTGGTGGCCTGGACCCTGTGGAGGTCTACGAATCTCTGCCTG
AGGAGCTGCAGAAGTGCCTTGTGTGAAGGATGTACAGATGCTGCAAGACGCCATCAGCAAGATGGATCC
TACTGATGCCAAGTATCATATGCAGCGTTGCATCGATTCTGGCCTCTGGGTCCCCAACTCCAAGTCTGGT
GAGGCCAAGGAGGGGGAGGAGCGGGCCCGGGGACCCATTGCTGGAAGCCGTCCCCAAGCGGGCTTCG
AGAAAGACATCAGTGCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053743



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Insert Size:	1140 bp
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).
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_053743.1</u> , <u>NP_446195.1</u>
RefSeq Size:	1604 bp
RefSeq ORF:	1140 bp
Locus ID:	114562
UniProt ID:	<u>Q63692</u>
Cytogenetics:	8q13
Gene Summary:	may play a role in regulation of the cell cycle [RGD, Feb 2006]