

Product datasheet for **RG204355**

CDC37L1 (NM_017913) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDC37L1 (NM_017913) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CDC37L1
Synonyms:	CDC37B; HARC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204355 representing NM_017913 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACAACCGTGGCCGCCTCCGGGACCCTGGAGCCTCCCTCGGGCCGAGGGTGAGGCTGAGGAAGAGA
GTGACTTCGACGTGTTCCCCAGTTCTCCCGCTGCCCGCAGCTGCCAGGCGGCGGCCAGATGTATAG
CCATGGAATTGAATTGGCTTGCCAAAAGCAGAAAGAGTTTGTGAAGAGCTCTGTGGCGTGCAATGGAAT
CTTGCTGAAGCTCAACAGAACTTGGTAGCTTAGCACTGCATAATTCTGAGTCCTTGGATCAGGAGCATG
CCAAAGCACAACAGCAGTATCAGAACTGAGGCAACGGGAAGAAGAGTGGCGACAGAAAGAAGAGCTCT
AGTACAAAGAGAGAAGATGTGTCTGTGGAGCACGGATGCCATTAGCAAGGATGTTTTTAATAAGAGTTTT
ATTAATCAAGATAAAAGAAAAGACAGAAAGATGAAGATAAATCAGAATCATTTATGCAAAAATATGAGC
AAAAATCAGACATTTTGGTATGTTGAGTCGATGGGATGATAGCCAGAGATTTTGTCTGACCATCCATA
CCTTGATGTGAAGAACTGCTAAATATCTTATTTATGGTGTTCACCTGGAAGCTGAGAAGAAAGGG
GCTTTAATGGAACAAATAGCACATCAAGCTGTTGTAATGCAGTTTATTATGGAATGGCCAAAACCTGTA
ATGTGGATCCAAGAGGGTGTTCGTTTATTTTCCAGAAAGCCAAAGCAGAGGAAGAAGGTTATTTTGA
AGCATTCAAAAATGAACCTTGAAGCTTTCAAGTCAAGAGTAAGACTTTATTCTCAATCACAAAGTTTTCAA
CCTATGACAGTTCAGAACTCATGTTCCCATTCCTGGTGTGGATCTATAGGTTTATTAGAATCCTTACCAC
AGAATCCAGATTATCTTCAGTATTCTATCAGTACAGCTCTCTGCAGCTTAACTCGGTGGTACATAAAGA
AGATGATGAACCCAAAATGATGGACACTGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >RG204355 representing NM_017913
 Red=Cloning site Green=Tags(s)

MEQPWPPPGWLSLPRAEGEAEESDFDFPSSPRCPQLPGGGAQMYSHGIELACQKQKEFVKSSVACKWN
 LAEAQQKLGSLALHNSESLDQEHAKAQTAVSELQREEEWRQKEEALVQREKMLWSTDAISKDFNKSF
 INQDKRKDTEDEKSEFQMKEYEQKIRHFGMLSRWDDSQRF LSDHPYL VCEETAKYL ILWCFHLEAEKKG
 ALMEQIAHQAVVMQF IMEMAKNCNVDPGRCFRLFFQKAKAE EEGYFEAFKNELEAFKSRVRLYSQSQSFQ
 PMTVQNHVPHSGVGSIGLLESLPQNP DY LQYSISTALCSLNSVHKEDDEPKMMDTV

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_017913

ORF Size: 1011 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_017913.4](#)

RefSeq Size: 1724 bp

RefSeq ORF: 1014 bp

Locus ID: 55664

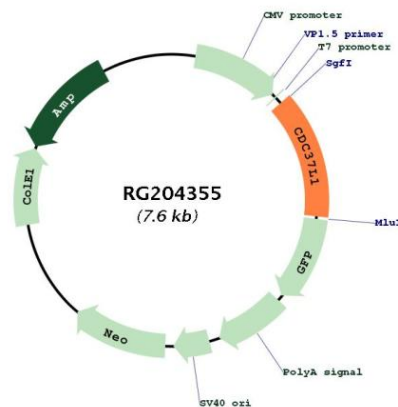
UniProt ID: [Q7L3B6](#)

Cytogenetics: 9p24.1

Domains: Cdc37

Gene Summary: CDC37L1 is a cytoplasmic phosphoprotein that exists in complex with HSP90 (HSPCA; MIM 140571) as well as several other proteins involved in HSP90-mediated protein folding (Scholz et al., 2001 [PubMed 11413142]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RG204355