

## Product datasheet for **SC128120**

### CDC37L1 (NM\_017913) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | CDC37L1 (NM_017913) Human Untagged Clone  |
| Tag:                      | Tag Free  |
| Symbol:                   | CDC37L1   |
| Synonyms:                 | CDC37B; HARC  |
| Mammalian Cell Selection: | None  |
| Vector:                   | <u><a href="#">pCMV6-XL5</a></u>  |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_017913, the custom clone sequence may differ by one or more nucleotides |

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ATGGAACAACCGTGGCCGCTCCGGGACCCTGGAGCCTCCCTCGGGCCGAGGGTGAGGCTGAGGAAGAGA
GTGACTTCGACGTGTTCCCCAGTTCTCCCGCTGCCCGCAGCTGCCAGGCGGCGGCCAGATGTATAG
CCATGGAATTGAATTGGCTTGCCAAAAGCAGAAAGAGTTTGTGAAGAGCTCTGTGGCGTGCAAAATGGAAT
CTTGCTGAAGCTCAACAGAACTTGGTAGCTTAGCACTGCATAATTCTGAGTCCTTGATCAGGAGCATG
CCAAAGCACAACAGCAGTATCAGAACTGAGGCAACGGGAAGAAGAGTGGCGACAGAAAGAAGCTCT
AGTACAAAGAGAGAAGATGTGTCTGTGGAGCACGGATGCCATTAGCAAGGATGTTTTAATAAGAGTTTT
ATTAATCAAGATAAAAGAAAAGACAGAAAGATGAAGATAAATCAGAATCATTTATGCAAAAATATGAGC
AAAAAATCAGACATTTTGGTATGTTGAGTCGATGGGATGATAGCCAGAGATTTTTGTCTGACCATCCATA
CCTTGTATGTGAAGAACTGCTAAATATCTTATTTTATGGTGTTCACCTGGAAGCTGAGAAGAAAGGG
GCTTTAATGGAACAAATAGCACATCAAGCTGTTGTAATGCAGTTTATTATGAAAATGGCCAAAACCTGTA
ATGTGGATCCAAGAGGGTGTTCGTTTATTTTCCAGAAAGCCAAAGCAGAGGAAGAAGGTTATTTTGA
AGCATTCAAAAATGAACTTGAAGCTTCAAGTCAAGAGTAAGACTTTATTCTCAATCACAAAATTTTCAA
CCTATGACAGTTCAGAATCATGTTCCCATCTGGTGTGGATCTATAGGTTTATTAGAATCCTTACCAC
AGAATCCAGATTATCTTCAGTATTCTATCAGTACAGCTCTCTGCAGCTTAAACTCGGTGGTACATAAAGA
AGATGATGAACCCAAAATGATGGACTGTATAA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_017913 unedited  
 TGTAATACGACTCACTTATAGGGCGGCCGCAATTTCGCACGAGGCCAGGCTGTCGCCGGG  
 TGTGCAGCGCGTTCGCGGCCAGTAGAGGGATTCTGGGTAAACGGCCCGACCCCGGCTGG  
 GCTTCTGGCTCGGCGCAGCAGGTTCCATTACGCCAAGTCTGTTGGCAGTGGCAGTTGTA  
 GGGCCAAGGGCGTGTAGGACCCGAGCAGCCGGACATGGAACAACCGTGGCCGCTCC  
 GGGACCTGGAGCCTCCCTCGGGCCGAGGTTGAGGCTGAGGAAGAGAGTACTTCGACGT  
 GTTCCCCAGTTCTCCCCGCTGCCCGCAGCTGCCAGGCGGCGGCCAGATGTATAGCCA  
 TGGAATTGAATTGGCTTGCCAAAAGCAGAAAGAGTTTGTGAAGAGCTCTGTGGCGTGCAA  
 ATGGAATCTTGCTGAAGCTCAACAGAACTTGGTAGCTTAGCACTGCATAATTCTGAGTC  
 CTTGGATCAGGAGCATGCCAAAGCACAACAGCAGTATCAGAAGTGGGCAACGGGAAGA  
 AGAGTGGCAGCAGAAAGAAGAAGCTCTAGTACAAAGAGAGAAGATGTGTCTGTGGAGCAC  
 GGATGCCATTAGCAAGGGATGTTTTTAATAAGAGTTTTTATTAATCAAGATAAAAGAAAAG  
 ACACAGAAGATGAAGATAAATCAGAATCATTTATGCAAAAATATGAGCAAAAAATCAGAC  
 ATTTTTGGTATGTTGAGTCGATGGGATGATAGCCAGAGATTTTTGTCTGACCATTCTACC  
 TTNGATGTAAAGAACTGCTAANNTATCTATTTTATGGTNGTTTCACCTGAAGCTGAGA  
 GAAAAGGGGGCTTATGGACAAATACACATCAGCTGTGNATGCAAGTTATTATGGAATGCC  
 AAACCTGTATTGTGATCCAAAGGGGGTTTCGTTATTTTCAGAGC

**3' Read Nucleotide Sequence:**

>OriGene 3' genomic read for NM\_017913 unedited  
 ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGATTTAAAAATTTTTT  
 ATTCAAATATTAATTTTATCAAATGAAACAAGAATCTTTGATGACTTTGATGTAAAAA  
 AATGTTTCATTCATGTGTTTGCACCTTCCATGGTTTAAATTTGTTTAGGGTAAATTGTCCA  
 ACCTGAAATATAAATTATCCCTTTGCTTAATATACTCTTTATTTCTTCAGAAACAAAAA  
 AAGGTAGGAATTAGTTCAAGGATGTCAATTTACTGTTTCTAGTACTAAAGTACGGCTAAC  
 TATGTAATTTATAGCCTTTAAGTGCAAATTATGGCATCAGTCAGTGGTCCCACAACAGA  
 CCCAATCACACTTTCATACTCAAAACACAGTATATTCTTTTGAAGTAAAAATATATAAA  
 TCAAGTTTCAAAGAACATCTTTTCAGTGCCCTCAAGAATAGTTTACTCAGTTTGTGAT  
 ACTTTCTCTCCTGCCAGTCTTCAGTCATTAATACTCTAACTTAGAGAAGGCAAAATGA  
 AATCCAAAACAATTTGAATGCTTACCAGGCAATCCTGNGAAAGAAGGCGAAATAAAT  
 CAAGTAACATTTTCTGTGAACTAGGAATATGGCTCCTGTGTCTGCCATTCTCTCCATT  
 TGGTAGAAAGGGAAAATTAGAGCTTGCTTCAGAACAGAACANAAAGAAAAAATGTCTACG  
 ACTAGGTTATGGGTTTTAAAAAAGTCCAGGCTGACAAACCTACTATATTAATT  
 AGTCCAACCATTTATTATTGAGTTTTTTTTTTTTTCAAAGCCCCAACGTTTTATCTGAA  
 ACCAGAAGAATGTGAAGTCCAGAAAAAATTAATATTTCCACCCTTTCTAGGGACCTAAG  
 GGCTGACCCCTCATGAAACAGTAACAATGAGCCAGGTCCAGGTTTGGCCCTGGACCCTT  
 GCCCTATTGTTTTAAGTGAACCGTTTCCGCNCCAGTACCCTTC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_017913

**Insert Size:**

3460 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).

|                               |   |
|-------------------------------|---|
| <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_017913.2</a> , <a href="#">NP_060383.2</a>   |
| <b>RefSeq Size:</b>           | 1724 bp   |
| <b>RefSeq ORF:</b>            | 1014 bp   |
| <b>Locus ID:</b>              | 55664   |
| <b>UniProt ID:</b>            | <a href="#">Q7L3B6</a>  |
| <b>Cytogenetics:</b>          | 9p24.1  |
| <b>Domains:</b>               | Cdc37   |
| <b>Gene Summary:</b>          | 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]   |