

Product datasheet for **MR230347**

Cdc20b (NM_001281487) Mouse Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Cdc20b (NM_001281487) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Cdc20b |
| Synonyms: | EG238896; EG622422 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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ORF Nucleotide Sequence:

>MR230347 representing NM_001281487
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTGGAAACTGCAACGCACCCGCCGAGGAAGATCCGGACGGAAGAAGAGATGTTGTGGGAGAACA
 TCATGCGGGTGTCTGCCAACGGCATGAAGCAGCAGCGAAATCAAGGTTCCCCCAAGGAGTTGGACTCGGT
 CGCCGTGACATACTCCAGCTTCAAGAGCAACTCGTGAAGAGGCTGTCTGCGGAGATTCTGTGGCCAGC
 AGCCCCATCACCACCAGATGGCAGCTAAGCCCAGCCAGGGACCCGAAAGCTTCTCTGTGGAAGAGG
 GTCCTCCCTCCCACACCCTGAATCTCTGGCATCTGGGCTGAAGATAACACCTGCAGCAGACACCCTAAC
 TCTACGATCCCACAACAAAAATCACCCAAAACCTCTCTAAAGGAAGTTCTGAAGTGAATAACTCCACT
 CTCCGTTTTTGAAGACACCTCTTGACGGGACAGAGGCTGGAAGGAAAACTTGCCACCAAGGCCAGA
 GATGCCTAAACCAGCCATTTTCAACCCAGAAGGGAGCTCAGCAAATCGATGGGAAGATGCATCTCTGTGA
 GGAGTCCCGGTGTGTGAGACAGGCTGTAGATTTGGAGCCAGAGATGAATTCTATCTTAGGAGATTCAGC
 GGTGTCTACCATTCCACATGCCAACAGAGGTGAAGATTCATCTCACTGGTCTTGAAATGACTACTATC
 TCAATACCCTGGACTGGAGTTCTCAAAATCTCGTTGCTGTAGCCCTCGGAACCTCTGTATACATCTGGAA
 TGGGCAAAACACAGTTGGATTGAAAATATAGACTTAAGCGTCTGTTGTCATTATGTGTCGTCTGTGACC
 TGGATGAGAGAGGGATCATGCCTGGCTGTTGGCACCAGCGAGGGAGAAGTGCAGTTATGGGATGCAATCA
 CTAGAAGCAGCTGAGAAACCTGCATGGTCACTTGTGAGTGGTGGAGCCCTGAGCTGGAACCACTGCAC
 CCTCAGCAGTGGGTCCAGATTGGGGCGTGTCCACCACCATGATGTTGGGTGGCCAGCATCGTGTGGGA
 ACACCTTACCACAAGGAGGCTGTGTGTTCTCTAAAATGGTCAACCCAGCGCAGGCTTCTTCCAGTGGGT
 GTAATGATGGATTACTGACAATATGGCCCCAGTCTCTGGCGCTGGTGTGCAGGGCTGCCACTGAAAGT
 CATAACCCAGTCCAGGCGGTTAAGGCCATGGAGTGGTGTCCCTGGCAATCTGAGGTCTTGCCGTGGGA
 GGAGGCGTGAAGGACGGATGCCTGCATGTTTTGGATATAAATACTGGGAAGAATCCAGACTCCAAGCA
 CACAGTACAGATTTGTTCCCTCATCTGGCTACCTAAGACAAAGGAGATTGCGACCGGCCAAGGTGCACC
 CAAGAATGATGTGGCACTGTGGACCTGCCCCACGCTGTTCAAGTCCGGTGGGTTCTTCGGTACAGAGAC
 AGAGTGTGCATTTGTCAGTCCAGACCAGACACGCCTATTTTCTGCTGCGGCAGATGGGACAGCTT
 GTGTGTGGAAGTGTCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230347 representing NM_001281487
 Red=Cloning site Green=Tags(s)

MEWKLQRTARRKIRTEEEMLWENIMRVLANGMKQQRNQGSPKELDSVAVTYSSFKNFVKRLSAEIPVAS
 SPITTRWQLSPARDPESSSSVEEGPPSHTPELASGLKITPAADTLRLSHNKNSPKLSKGSSEVNNST
 LRFCKTLAGDRGWKENLATKGQRCLNQPFSTQKGAQQIDGKMHLCESRCVRTGCRFGARDEFYLRFS
 GVYHSTCQPEVKIHLTGLRNDYYLNTLDWSSQNLVAVALGTSVYIWNQNHSHWIENIDL SVCCHYVSSVT
 WMREGSCLAVGTSEGEVQLWDAITKKQLRNLHGHL SVVGALSWNHCTLSSGSRLGRVHHHDVRYAQRV
 TLYHKEAVCSLKWSPDGRLLSSGCNDGLLTIWPHDPGAGVQGLPLKVIQSTAVKAMEWCPWQSEVLAVG
 GGVKDGCLHVL DINTGKNIQTPSTQSQICSLIWLPKTKEIATGQGAPKNDVALWTCPTLFRSGGFFGHRD
 RVLHLSLSPDQTRLFSAADGTACVWKCC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

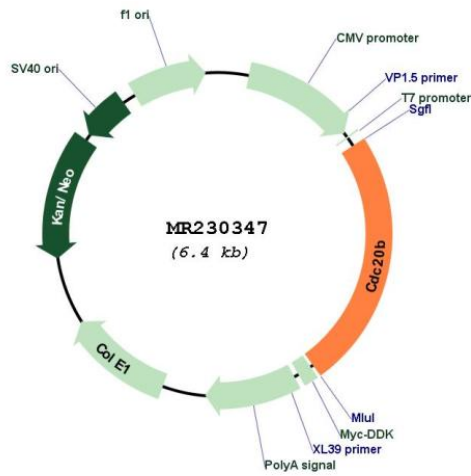
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



| | |
|-------------------------------|---|
| ACCN: | NM_001281487 |
| ORF Size: | 1557 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_001281487.1 , NP_001268416.1 |
| RefSeq Size: | 1560 bp |
| RefSeq ORF: | 1560 bp |
| Locus ID: | 238896 |
| Cytogenetics: | 13 D2.2 |
| MW: | 57.9 kDa |