

## Product datasheet for **SC211079**

### CDC42EP2 (NM\_006779) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | CDC42EP2 (NM_006779) Human 3' UTR Clone  |
| Symbol:                   | CDC42EP2   |
| Synonyms:                 | BORG1; CEP2  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_006779  |
| Insert Size:              | 916 bp   |
| Insert Sequence:          | >SC211079 3'UTR clone of NM_006779<br>The sequence shown below is from the reference sequence of NM_006779. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACCTGGACAGCATGCAGATCCCCACATAGGACACGAGGCTGCCTAGGCTGGGGTCCCAGGTGGGGCCC
AGCCAGGAGGTGGGGTGTGGACCCGGCCCTGGCGGCGGAGTCAGGGTCCCAAGATCCCACCTGTATGGT
CGCTGGCCAGTGATTCTCCTTCTGAGCCGTGTTTCCCCTCTCCCTCCCTCTCCACGTGGGCAGGGCAGG
CCCCATCGCTTTCCTCTGATAACCACATGGACACATCCTGAAGTCAGCCCAGGCGCCCTGAGCATCTTG
GGGCACCTGGACCCCATACAATACTCCTTCTTCCCTTCAGGTCCCTGGGTGAAGGCTTTCCTGAAACCG
ACCCCCCTTTTACGTCCCTTCTGCCTCTGCCCGTTGGATGCCCTGACTGGGGGCAGGGGAAGAGACA
GGGCACAGCTGGCCACAGGGCTCAGCCACTGAGCAGGCTGTTCCGGGCCTTTGGCTTTGCATCCTGGAC
GGGGAGTGTCTGTCAAGGACCAGATGTGTCTGCCTCATCCCTAGCTCCAATCCCTTCCCCACGTGAC
CGGGGATTCTGGTTGCAATAAAACATGCTGCTGCTGGTGGCGGAGCTCCCTGTCCCTTGGCCCCAGGTT
TCCTCCCGGAGGCAGACAGTCTCCAGAGCTGAGGGCTTGCCCTTGAGAGACCCAGCCCCAGAGGGCTT
TGTGGAGGACAGGCCTTGCCTCAAGAAGCTCGTACCTGACGCTGAGCCTGTCATGAGAATGCAACAGG
AGCAAACCAAGTGTGCTGTGACATTGATTGATGATGTTTGGCAAGAGGTGGCTGAGCACTGGGGTGGGC
TTGGCACTGTGCCAAGCCTGGGGCAATCCCTGCCAGTCAGCTGGGGTCTGGTGGGGGACACCCAAGA
ATAAAAGAATAACCACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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|                        |  |
|------------------------|--|
| <b>OTI Disclaimer:</b> | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).   |
| <b>Components:</b>     | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.   |
| <b>RefSeq:</b>         | <a href="#">NM_006779.4</a>  |
| <b>Summary:</b>        | CDC42, a small Rho GTPase, regulates the formation of F-actin-containing structures through its interaction with the downstream effector proteins. The protein encoded by this gene is a member of the Borg family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to, and negatively regulate the function of CDC42. Coexpression of this protein with CDC42 suggested a role of this protein in actin filament assembly and cell shape control. [provided by RefSeq, Aug 2011] |
| <b>Locus ID:</b>       | 10435  |
| <b>MW:</b>             | 32.6   |