

Product datasheet for SC207061

Cofilin 1 (CFL1) (NM_005507) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | Cofilin 1 (CFL1) (NM_005507) Human 3' UTR Clone |
| Symbol: | Cofilin 1 |
| Synonyms: | CFL; cofilin; HEL-S-15 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_005507 |
| Insert Size: | 693 bp |
| Insert Sequence: | >SC207061 3'UTR clone of NM_005507 The sequence shown below is from the reference sequence of NM_005507. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCATCTCCCTGGAGGGCAAGCCTTTGTAGCCCCCTTCTGGCCCCCTGCCTGGAGCATCTGGCAGCCCC
ACACCTGCCCTTGGGGTTGCAGGCTGCCCTTCTGCCAGACCGAGGGGCTGGGGGATCCCAGCA
GGGGGAGGGCAATCCCTCACCCAGTTGCCAAACAGACCCCCACCCCTGGATTTTCTTCTCCCTC
CATCCCTTGACGTTCTGGCCTTCCAAACTGCTTTTGATCTTTTGATTCTTGGGCTGAAGCAGAC
CAAGTTCCCCCAGGCACCCAGTTGTGGGGGAGCCTGTATTTTTTTAAACAATCCCCATTCCCCAC
CTGGTCTCCCCCTTCCCATGCTGCCAACTTCTAACCGCAATAGTGACTCTGTGCTTGTCTGTTAGTT
CTGTGTATAAATGGAATGTTGTGGAGATGACCCCTCCCTGTGCCGGCTGGTTCCTCTCCCTTTCCCT
GGTCACGGCTACTCATGGAAGCAGGACCAGTAAGGGACCTTCGATTAACAAAAAAAAAAGACAATAATAA
AAAGGCTCATTAAATGGGATGTGTTTTCAAGTTGGGACACAGGAGACTTCAGGATTGGGGGTGCACTG
GGATAATGGTGTATCTCTCTCTGTACTCCACACCAACAGCCCTGCACACCCCTATCTGGCTC
CAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

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| Restriction Sites: | Sgfl-MluI |
| OTI Disclaimer: | 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). |



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| Components: | 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. |
| RefSeq: | NM_005507.3 |
| Summary: | The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin is a widely distributed intracellular actin-modulating protein that binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH-dependent manner. It is involved in the translocation of actin-cofilin complex from cytoplasm to nucleus.[supplied by OMIM, Apr 2004] |
| Locus ID: | 1072 |
| MW: | 24.4 |