

Product datasheet for SC211009

Supervillin (SVIL) (NM_003174) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | Supervillin (SVIL) (NM_003174) Human 3' UTR Clone |
| Symbol: | Supervillin |
| Synonyms: | MFM10 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_003174 |
| Insert Size: | 938 bp |
| Insert Sequence: | >SC211009 3'UTR clone of NM_003174 The sequence shown below is from the reference sequence of NM_003174. 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
AACCTGAAGAAAGCAAAAGGCCTGTTCTAGAGTGGGGAGACGCCAGAGGAGCCTCACGGTCACGTCCAAC
AACACCACTGCACCAGGGAAATGGATATATATTTTTGGACTGGTGTTCACAAAGTATTTTTCAATC
AGAGTTTTCAGAACCTGACATTGTTAAAGATACTGCTTGCCCGAGTTGTGATTTTGTAAATGTTCA
AGGGAAGTGTGGAAACTTCTTTCCACCATTCCAGGAGTTATCAGAATTAATAAAAGTATCTGTTATG
TGCACTTAAGCCGCAGCTGCTATAGATAGCACTGCCTTCTGTTCCAGCTAGGCAATGCCTTTTTTTTT
TTTTTTGAAGCAGTTCTCTTTATAAAAGTGTATTTTGATAGTTGTGGATTCTAAAATATATATATAT
TTATATAAACACCATATAAGTCAAATATGTATTTAACAAAGCAATATGTATTCATTCACTTTCAAGATT
TGTTTTGGTGTCAAATAACATGAAAAGGTAGATGGAGTTGCTTCTGTTGAATTAGCTCTGCCACCAAT
ATGTATCTTCATACAGTTTGGAAATGTTTCTGCAGCATTAGGTATGACTTGTCTGAGTACTGCTTC
CGGTGCTAAAATGAACAAAGAATTTGACTTAATGGCATGGACTCTGGAGAATCTATGCGAATCAACCT
TTCTACCTAATATCTCCCCAAAATGTATAGTGCCTTGTGTTTTATGTACAGTTTATACAGAAAAGT
TTGCTCTGCATTTTTGATGATGGTTTGGAAACATTATCTACAATTTACTCTCAAATAGTCAAATAAAA
ACATCTCAATTTCTAATACCGGTTGTAACAGTACACATGTCATTTTGTGATATAGGACTCCCAAATAA
AAGTATCAGAATAAACACAACAATTAAGTGGTAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCAGCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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| 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). |
| 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_003174.3 |
| Summary: | This gene encodes a bipartite protein with distinct amino- and carboxy-terminal domains. The amino-terminus contains nuclear localization signals and the carboxy-terminus contains numerous consecutive sequences with extensive similarity to proteins in the gelsolin family of actin-binding proteins, which cap, nucleate, and/or sever actin filaments. The gene product is tightly associated with both actin filaments and plasma membranes, suggesting a role as a high-affinity link between the actin cytoskeleton and the membrane. The encoded protein appears to aid in both myosin II assembly during cell spreading and disassembly of focal adhesions. Several transcript variants encoding different isoforms of supervillin have been described. [provided by RefSeq, Apr 2016] |
| Locus ID: | 6840 |
| MW: | 36.7 |