

Product datasheet for SC211010

Supervillin (SVIL) (NM_021738) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Supervillin (SVIL) (NM_021738) Human 3' UTR Clone
Symbol:	Supervillin
Synonyms:	MFM10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021738
Insert Size:	939 bp
Insert Sequence:	>SC211010 3'UTR clone of NM_021738 The sequence shown below is from the reference sequence of NM_021738. 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
AGGGAAGTGTGGAAACTTCTTTCCACCATTCCAGAGGTTATCAGAATTAATAAAAGTATCTGTTATG
TGCACTTAAGCCGCAGCTGCTATAGATAGCACTGCCTTCTGTTCCAGCTAGGCAATGCCTTTTTTTTT
TTTTTTGAAGCAGTTCTCTTTATAAAGTGTATTTTGATAGTTGTGGATTCTAAAATATATATATAT
TTATATAAACACCATATAAGTCAAATATGTATTTAACAAAGCAATATGTATTCATTCACTTTCAAGATT
TGTTTTGGTGTCAAAATAACATGAAAAGGTAGATGGAGTTGCTTCTGTTGAATTAGCTCTGCCACCAAT
ATGTATCTTCATACAGTTTGGAAATGTTTCTGCAGCATTAGGTATGACTTGTCTGAGTACTGCTTC
CGGTGCTAAAATGAACAAAGAATTTGACTTAATGGCATGGACTCTGGAGAATCTATGCGAATCAACCT
TTCTACCTTAATATCTCCCCAAAATGTATAGTGCCTTGTGTTTTATGTACAGTTTATACAGAAAAGT
TTGCTCTGCATTTTGTATGATGGTTTGGAAACATTATCTACAATTTTACTCTCAAATAGTCAAAAATAAA
ACATCTCAATTTCTAATACCGGTTGTAAACAGTACACATGTCATTTTGTGATATAGGACTCCCAAATAA
AAGTATCAGAATAAACACAACAATTAAGTGGTTACATTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG

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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_021738.3
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:	36.8