

Product datasheet for **SC201525**

Smoothelin (SMTN) (NM_134270) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Smoothelin (SMTN) (NM_134270) Human 3' UTR Clone
Symbol:	Smoothelin
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_134270
Insert Size:	188 bp
Insert Sequence:	<p>>SC201525 3'UTR clone of NM_134270</p> <p>The sequence shown below is from the reference sequence of NM_134270. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC GAACTGCGCCTGCGCGGCAAGATGTCTAGCCTGCCCGCCCGCATGGCCAGCCAGTGGAAGCTGCCGC CCCCACTCTCCGGGCACCGTCTCCTGCCTGTGCGTCCGCCACCGCTGCCCTGTCTGTTGCGACACCCCT CCCCCCCACATACACACGCAGCGTTTTGATAAATTATTGGTTTTCAACGA ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-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).
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:	<u>NM_134270.3</u>


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Summary: This gene encodes a structural protein that is found exclusively in contractile smooth muscle cells. It associates with stress fibers and constitutes part of the cytoskeleton. This gene is localized to chromosome 22q12.3, distal to the TUPLE1 locus and outside the DiGeorge syndrome deletion. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2011]

Locus ID: 6525

MW: 7