

## Product datasheet for **SC212601**

### SMNDC1 (NM\_005871) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SMNDC1 (NM_005871) Human 3' UTR Clone
Symbol:	SMNDC1
Synonyms:	SMNR; SPF30; TDRD16C
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005871
Insert Size:	1117 bp
Insert Sequence:	>SC212601 3' UTR clone of NM_005871 The sequence shown below is from the reference sequence of NM_005871. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b> =Cloning site <b>Blue</b> =Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CAATGTCAGGCATTTGATGCCTCAA**TA**TCAGAAAACTGTTGGATTTTCATCTCTGCAGGGCTTTACATT  
TACCTTTTTATCCTTATATTTTTCTAAAGGTAATTTTGTAGATGAGTAAGCAAGATACCATTGTGC  
TCATTGGTTGGCTTCAGTAGAATGAAACGTGAAGAAATGCATTTGATAACTGCTATTCATTTAACTTTT  
CTCATTATCAGTACCACGGTTCCTCAAAGTTTGTGAATAAAGCAACTTTGTAGATGCTGTTTCATAC  
AGCACTTAGATGAATTATTGATCTTCTAATATCAGGCGCTACTTAACCTATGGTGTGTAATTTTGT  
AGTTGTAACCTGAAATTTTTCAGATGCTTTGAACTTGACACATACTCTAGCAATTCATTGGAAACCAAGG  
CAAAAACACCAACCTGCTAAAAGAGATCTTTTCATTTTCTTATTTTCAGCTTTAAAACCTTAGCTGTCGT  
TCAGTTAAGCTTAAAGATAGGTTAATTTGTAATGGCAAAGTTTGTGTTTGTAGTTTTCCTCAATAACTT  
GTTTCCAGGCCTATTAGGCCATCTCTAAAATTGATCTAGCTGTTTTATTTTATGTACTCTTAGTTTTA  
TGTAAGAAACCTTAGGATGAGCTCCCTTTTCTAAGGTGTTTTGTTTTTGTATGTTTGCTTTTTCTCTG  
TTTTTTGTTTTTCCATTTACGGCAGTGGTACCATGTTTTGGATGTGTGATGTTTATATGGGAGAACAAA  
AAGCTGATGTATAGCCCTGTATACAGTGTAGATACTATTTTTGTAAAAACACAAGGCTAAATTAATGAAC  
AAGAATACTGAATATTTTCATCATTAAAAATTTCTTGTATTTCTTGTGCATTAATCTGACGATAATTTCCC  
TGTATATTATGTTCAATTTAGCTGTTTGAATTTTTGTTAATTAGATCAGGTTGTCTGCATTTGTTGGTGT  
AAGTGAACATCATCACAGTTATCCTGAGTTGAGTTTAAGCCAAATACATGCATAGAAAAGGGTCTTCCTA  
TTAATGGAAGAAGGTAATTTTTAGGATGTGATTATTTTCAGTTTTGTATGTTAACTTTTATTAAT

**ACGCGT**AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG



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<b>Restriction Sites:</b>	Sgfl-Mlul
<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_005871.3</a>
<b>Summary:</b>	This gene is a paralog of SMN1 gene, which encodes the survival motor neuron protein, mutations in which are cause of autosomal recessive proximal spinal muscular atrophy. The protein encoded by this gene is a nuclear protein that has been identified as a constituent of the spliceosome complex. This gene is differentially expressed, with abundant levels in skeletal muscle, and may share similar cellular function as the SMN1 gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	10285