

Product datasheet for **MC205956**

Smndc1 (NM_172429) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smndc1 (NM_172429) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Smndc1
Synonyms:	2410004J23Rik; 4933440I19Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058779
 CGCTGGCGGACTTTCTCCTTTTCCGACCGAGGCTCGTCGCGGCGGAAAATCTTTCCCGGCTGCAGCCGCC
 CCTGACGCCGCTCGCCTCGCCTCGCCTCCCCGACCCCTGCCCGCCGTCCCAGCCCCAGCCCCACCCAAGA
 TGTCAGAGGATCTAGCAAAACAGTTGGCTAGCTACAAAGCTCAACTCCAGCAAGTAGAAGCTGCCCTTTC
 TGGAAATGGAGAAAATGAAGATCTATTGAAACTGAAGAAGGATTTGCAAGAAGTAATAGAAGTACCAAAA
 GACCTTCTGTCAACTCAGCCTTCGGAGACGCTCGCAAGCTCAGACAGTTTTGCTTCTACTCAGCCCACTC
 ATTCATGGAAAAGTAGGGGACAAGTGCATGGCCGTGTGGAGTGAAGACGGACAGTGTACGAAGCGGAGAT
 TGAAGAGATAGATGAAGAAAATGGCACCCTGCAATCACCTTTGCTGTTTATGGCAATGCCGAAGTGACG
 CCATTGCTGAACCTCAAGCCTGTAGAAGAAGGAAGGAAGGCGAAAAGGACAGCGGCAACAAACCCATGT
 CAAAAAAGAAAATGATCGCCAGCAGCGTGAATATAAAAAGAAAAAGCTTTGAAAAAGCACAGAGAAT
 AAAAGAGTTGGAGCAGGAGCGAGAGGACCAGAAGTGAATGGCAGCAGTTCAACAACAGGGCGTACTCC
 AAGAACAAGAAAGGCCAGGTAAGAGGAGTATTTTTGCTTCTCCAGAAAGTGAACGGGCAAAAGTTGGAG
 TAGGAACCTGTGGAATTGCTGACAAGCCATGACACAGTATCAAGATACATCCAAGTACAATGTCAGGCA
 TTTGATGCCTCAGTAACCTGAAAAACTGCTGCATTTTCATCTCTGCAGGGCTTTACTTTACTCTCCTTT
 TTATCCTTGTATTTTTCTAAAGTAACTGATTGCTTAGATGCTGAGTAAGGAAGATACATTGTTGTCATT
 GTTTGGCTTTGGTGAATGAAACTTGAAGACATTTGATAACTGCTCTATTAACTTCATTACTACTTAC
 CACAGTTCTCTCAGTGTGTTGAACAAGGCAACTTTTCTAGGTAAGTGTCTCTAAATCAGCACTTAGATG
 ACTTCTGAACGTCAGGCCATTGAACTGATGTTGTGTAGACCGTTTCTAAGTCTAATTTGGAATTTTCA
 GATGCTTTGCACTTGACATATTTCAACAGTTTATTGGAACATGGAGGCAAAACGCCAGCCTGCTAAAGAG
 AGCTTCAGTTTTACAACCTGGCCATTGTCCAGACAAGCCCAAGTATAGGTTAATTTATAAACGGCAAAGT
 TTTTTTGAGGGTTTTTTTTTCCCTTGAATTACTTATTTCTGGCCCTATTGACTCACTTTGTATTTTTTG
 TCATTGAGTTTGAATTTATATTAATAAACCAACAAACCATTGTTAGGATGTGCGCCCTTCTCTGGTG
 TTTATTTGGTGTGTTGTATTGTTTTTCTTTGTTGACTTCACTTGTAGTGGTACCATTTTTGGGATGTG
 TACTGTTTCTATGGGAAGACAAAAGCTGATGTACAGCCCTGTGTACAGTGTAGATACTATTTTTGTAAAA
 ATACAAGGCTAAATTAATGAACAAGAGTACTCAGTGTTCATGATTAAATTTTCTGTATTTCTTGTGCA
 TTAATCTGACCATAATTTCCCTGTATATTATGTTTATGTTAGTGTGTTGTAATTTTTTAAACGAGATC
 AAGTTGCCAGCATTTGTTGGCATAAGTGAAGCACCACAGTTATCCAAGTTGAGTTTAAAGCCAAAACAAAG
 GTAGAAAAAAGGGTCTTCTGTTAATTGGAAGAAAATAATTTTTAGAGTGTGTGTTAATTCAGTTTTGT
 ATGTTAACTTTAATAAATAAAGTGTTTTTAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_172429

Insert Size: 717 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC058779](#), [AAH58779](#)

RefSeq Size: 1942 bp

RefSeq ORF: 717 bp

Locus ID: 76479

UniProt ID: [Q8BGT7](#)

Cytogenetics: 19 D2

Gene Summary: Necessary for spliceosome assembly. Overexpression causes apoptosis (By similarity).
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.