

Product datasheet for **SC209631**

SnoN (SKIL) (NM_001145098) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SnoN (SKIL) (NM_001145098) Human 3' UTR Clone
Symbol:	SnoN
Synonyms:	SNO; SnoA; SnoI; SnoN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145098
Insert Size:	2000 bp



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Insert Sequence: >SC209631 3'UTR clone of NM_001145098
 The sequence shown below is from the reference sequence of NM_001145098. 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
CTGAAATCATCAAAGACTGCTAAAGAAATAGAAACTGTTAAAGAGATTCATCTGTGTATTACTGACAAGG
TTTTTTTTGTTTGTGCTTTGCTTTGGTAATTGAATTCTGAAGAATTTATCTGCATGACGATAACTAGGC
ATTCTATCCATTTGTAGATCAGAGAAAAGTGAAGAGATTATATATTAGTACTTAAATTTTTACATTTTCC
AAATGAATGAAAATGTATGTTTCTTTGTACTTTTTTAAAAAATCAGCTTAGTAAACAATACTATATGGT
TCAACTAGTAGGTAATCTGCTTATATTCTAATGCAAACCTAACAAATTGTGACTTTTTTAAAGCTGC
AATATGTGTTGGAAAATAGCTGTGGTCAATTTTGTATCCATATTCAGACTCAATTTTATAGATAAATG
GTGGCTTTATATTTAAGTATATAGAGCTACTCAAGGAGTTGAATCTCCCCTTTTCTCATTAAACACAAT
TTTTCTAAGTTGATATGGTGTACTCATTAAACATACACCAAAATTTACTTTTACTTTTGTTCAGATTGTGGA
ATGAATTTCCACCAGTTCTCTTCTTTTAAATGTGTACCCTAGGAGGAATTTACTGAGGTTATAGCATA
CCCCATGAGCACAGTGGGGAAGAAGAATGTGTTGTTATGTGCTGCTGCTAAACAGAAAGCAGCAGTTGTA
ATTTGTTTTTCAGTTTAAATGTGGTTATAGTTAGATTTTTTTTTTAAAGCAGCAACTTTTAAAAATAAAA
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ACTGATACCACTGTTGTGTATCAGTTTCTATAAATCCATAATCCTCCTGTACAGTTTTTACATGTAGT
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TTGTTAATTTCTGGCTCAAATATATTAGGTAATTTCTTAGATCTGTTTTTAAAGGGAGTTTCTGAA
ACTATCATTAAATGACATTATTACCCCATGGATTTTATGGGATAATAAATGTTTTTCATGTTCTCTTAT
AAGATACTATGTATGAAATTTACTTCAGAGAGCTATATTTATTTTAAAAATAAATAGCTAGGGTAAAGGT
TATATTCTATTTCCAGCATAGAAGGTAGATAATCTAATGGTGTAGAAAAGAAATCACTAGGTTGTCATTTA
ACCAGTTATTTTCATATTTTGTCTAATAGTACATATCCAAAAAGAATTTTGTACTCCCAAAATGTAAT
TTATTTACTAAAATGAGTATAACCTAAAATGTGTGTTTTCTATTTTCCATTTAAATTTTGTATATTAAG
ACTAATTTAATTCGTTGAGTCTTGAATCTTCTCAAGGAGGAACAAATATTTAAATGACATGTAGA AAC
AAATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGTGAGACAGAGTCTCGCTGTCTCCAGGCTGGAGTTC
AGTGGTGAATCTCGGCTCACTGCAAGCTCTGCCTCCTGGGTTCAAGCCATTCTCCTGCCTCAGCCTCC
CGAGTAGCTGGGACTACAGGCACCCACCACCCTCCCGGCTAATTTTTAGAAAACAAATATTTAAATGA
CATATTCTCCCAATAAATCTATTTAGATCTGGAGAAGGAAAAATCAGATATTTATGATATAGTTTTTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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- Restriction Sites:** Sgfl-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:** [NM_001145098.3](#)

Summary: The protein encoded by this gene is a component of the SMAD pathway, which regulates cell growth and differentiation through transforming growth factor-beta (TGFB). In the absence of ligand, the encoded protein binds to the promoter region of TGFB-responsive genes and recruits a nuclear repressor complex. TGFB signaling causes SMAD3 to enter the nucleus and degrade this protein, allowing these genes to be activated. Four transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Locus ID: 6498

MW: 77.7