

Product datasheet for **MC222528**

Snd1 (NM_019776) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snd1 (NM_019776) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snd1
Synonyms:	AL033314; Tudor-SN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC22528 representing NM_019776
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCCTCCGCGCAGAGCAGCGGCTCCTCCGGGGACCCCGGTCGCCACCGTGCAGCGGGCATCG
 TCAAGATGGTCTCTCTGGGTGCGCCATAATTGTCGAGGGCAGCCCGGGTGGTCTCCTCCTGAGAG
 GCAGATCAACCTCAGCAACATTCGAGCTGGAAATCTTGCCCGTCGGGCAGCTGCCACACAACCAGATGGG
 AAGGACACCCCGATGAGCCCTGGGCATTTCTGCCGAGAGTTCCTTCGCAAGAAGCTGATTGGGAAAAG
 AAGTCTGTTTCACGATAGAAAACAAGACTCCCCAGGGACGAGAGTATGGGATGATCTACCTAGGAAAAGA
 TACTAATGGGGAAAACATTGCAGAGTCGCTAGTTGCAGAAGGCTTGCCACCCGGAGAGAAGGCATGAGA
 GCCAACACCCAGAGCAGAACC GGCTTT CAGAATGCGAGGAACAAGCAAAGGCATCGAAGAAAGGGATGT
 GGAGTGAGGGCAACGGTTCACACACCATCCGGGACCTCAAGTACACCATTGAGAACCCAAAGGCATTTGT
 GGACTCACACCACCAGAAGCCAGTCAATGCTATCATTGAGCATGTTTCGAGACGGCAGTGTGGTCCGGGCC
 CTGCTCCTTCCAGGTCAACACCTTGTACCCGTCATGCTCTCAGGGATTAAAGTGCCAACCTTCCGTCGGG
 AAACAGATGGGAGTGAACGCCGGAGCCCTTCGCTGCAGAAGCCAAGTTTTTCCCGAGTCTCGACTGCT
 TCAGAGAGATGTTT CAGATCATTCTGGAGAGCTGCCACAATCAGAACCTTCTGGGTACCATCTCCACCCG
 AATGGTAACTACTGAACTCCTCCTGAAGGAAGTTTTGCCCGCTGTGTGGACTGGTCAATTGCAGTTT
 ACACCCGGGGTGCAGAAAAGCTGAGGGCAGCTGAGAGGTTTGCCAAGGAGCGCAGGCTGAGAATATGGAG
 AGACTATGTGCCTCCACTGCTAATTTGGACAAAAGGACAAGCAGTTCGTTGCCAAGGTATGCAGGTT
 TTGAATGCTGATGCCATTGTTGTGAAGCTGAATTCGGAGACTACAAGACCATCCACCTGTCAAGCATCC
 GACCACCAAGTTGGAGGGAGACAACATACAGGATAAGAACAAGAAGCTCCGGCCCTGTATGACATCCC
 CTACATGTTTGAGGCCCGCAATTTCTCGAAAAAAGCTCATTGGGAAGAAGGTCAATGTGACTGTGGAC
 TACATTAGACCAGCCAGCCAGCCACAGAAACGGTGCCTGCCTTTTCCGAGCGTACCTGTGCCACTGTCA
 CCATTGGAGGAATAAACATTGCTGAGGCCCTCGTCAGCAAAGGCTGGCCACAGTGATCAGATACCGGCA
 GGATGACGACCAGAGGTCTTACACTACGATGAGCTGCTAGCTGCAGAGGCCAGAGCTATTAAGAATGGC
 AAAGGATTACACAGCAAGAAGGAGGTGCCCATCCACCGAGTTCAGACATTTCTGGGGACACCCAGAAAG
 CAAAGCAGTTCCTGCCCTTCTCAGCGGGCAGGCCGTTCTGAGGCTGTGGTGGAGTATGTCTTCAGTGG
 CTCTCGCCTCAAGCTCTATTTACCTAAGGAGACCTGCCTCATCACCTTCTGCTGCCCGCATTGAATGT
 CCCAGAGGAGCACGGAATCTCCCGGGCTTGGTGCAGGAAGGAGGCCATTGAGGAGGAGGCCACTTTT
 TCACCAAGGAAGTGTGCTGCAGCGAGAGGTGGAGGTAGAGGTAGAGAGCATGGATAAAGGCTGGCAACT
 CATTGGCTGGCTGCACATGGATGGGGCTAACCTGTCTGTCTGCTGGTGGAGCAAGCGCTGTCCAAGGT
 CACTTCACTGCTGAGCGCAGTGCCTACTACAAGCCTCTCCTGTCTGCTGAGGAAGCTGCCAAGCAGAGGA
 AAGAGAAGGTCTGGGCCACTATGAGGAGCGGCCTGTGGAGGAGTCAAGCTGTGCTGGAGGAGAAGGA
 GCGCTCTGCCAGCTACAAGCCGGTGTGTTGTGACCGAGATCACAGATGACCTGCACTTCTATGTGCAAGAT
 GTGGAGACTGGCACCCAGCTGGAAAAGCTGATGGAGAACATGCGCAATGACATCTCCAGTCAACCTCCTG
 TTGAGGGTCTATGCCCCCGCCGGGAGAGTTCTGCATTGCCAAATTTGTAGATGGAGAATGGTACCG
 CGCCCGGGTAGAAAAGGTGGAGTCCCCGCAAGTGCATGTCTTCTACATCGACTACGGCAACAGAGAG
 ATCCTGCCATCCACCCGCTGGGCACCTACCACCTGCCTTTCAGCACGGGTGATTGCCAGCTCAAGCCA
 CAGAGTATGCCTTCGCTTCCATCCAGGTGCCCAAGATGAGGACGCTCGCACAGATGCTGTGGACAGTGT
 GGTGCGGGACATCCAAAACACTCAGTGCCTGCTCAACGTGGAGCACCTGAGCGCCAGCTGCCCCATGTC
 ACTCTGCAGTTTGCAGATTC AAGGGCGATGTGGGACTGGCCTGGTGAAGGAAGGGCTGGTCAATGGTGG
 AGGTGCGCAAGGAGAAGCAGTTCAGAAAAGTATCACAGAATACCTGAATGCCAGGAATCAGCCAAGAG
 TGCCAGGCTGAACCTGTGGCGCTATGGAGACTCCGCGCTGATGACGCTGATGAGTTGGCTACAGTCGC
TAA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_019776
Insert Size:	2733 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:	<ol style="list-style-type: none">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:	NM_019776.2 , NP_062750.2
RefSeq Size:	3482 bp
RefSeq ORF:	2733 bp
Locus ID:	56463
UniProt ID:	Q78PY7
Cytogenetics:	6 A3.3
Gene Summary:	Endonuclease that mediates miRNA decay of both protein-free and AGO2-loaded miRNAs (By similarity). As part of its function in miRNA decay, regulates mRNAs involved in G1-to-S phase transition (By similarity). Functions as a bridging factor between STAT6 and the basal transcription factor (By similarity). Plays a role in PIM1 regulation of MYB activity (By similarity). Functions as a transcriptional coactivator for STAT5 (PubMed:12819296). [UniProtKB/Swiss-Prot Function]