

## Product datasheet for **SC111238**

### **SND1 (NM\_014390) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SND1 (NM_014390) Human Untagged Clone
Tag:	Tag Free
Symbol:	SND1
Synonyms:	p100; TDRD11; Tudor-SN
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC111238 sequence for NM\_014390 edited (data generated by NextGen Sequencing)

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ATGGCGTCCTCCGCGCAGAGCGGCGGCTCCTCCGGGGACCCGCGGTCCCCACCGTGCAG
CGGGGCATCATCAAGATGGTCTCTCAGGGTGCGCCATCATTGTCCGAGGTGAGCCTCGT
GGTGGGCTCCTCCTGAGCGGCAGATCAACCTCAGCAACATTCGTGCTGGAAATCTTGCT
CGCCGGGCAGCCGCCACACAACCTGATGCAAAGGATACCCCTGATGAGCCCTGGGCATTT
CCAGCTCGAGAGTTCCTTCGAAAGAAGTCTGATTGGGAAGGAAGTCTGTTTCACGATAGAA
AACAAAGACTCCCCAGGGGCGAGAGTATGGCATGATCTACCTTGGAAAAGATACCAATGGG
GAAAACATTGCAGAATCACTGGTTGCAGAGGGCTTAGCCACCCGAGAGAGAAGGCATGAGA
GCTAATAATCCTGAGCAGAACCGGCTTTCAGAATGTGAAGAACAAGCAAAGGCAGCCAAG
AAAGGGATGTGGAGTGAGGGGAACGGTTCACATACTATCCGGGATCTCAAGTATACCATT
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CATGTGCGGGACGGCAGTGTGGTCAAGGGCCCTGCTCCTCCAGATTACTACCTGGTTACA
GTCATGCTGTGAGGCATCAAGTGCCCAACTTTTCGACGGGAAGCAGATGGCAGTAAACT
CCAGAGCCTTTTCTGTCAGAAGCCTTTTCTACTGAGTCGCGACTGCTTCAGAGAGAT
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AATGGCAACATCAGAGCTCCTCCTGAAGGAAGTTCGCACGCTGTGTGGACTGGTCCG
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AAACTCTATTTGCCAAAGGAACTTGCTTATCACCTTCTTGCTTGCAGGCATTGAATGC
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CTGCTGGTGGAGCACGCGCTCTCCAAGGTCCACTTCACCGCCGAACGCAGCTCCTACTAC
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TATGAGGAGCAGCCCGTGGAGGAGGTGATGCCAGTGTGGAGGAGAAGGAGCGATCTGCT
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ATCCAGGTGCCCAAGATGATGATGCCCGCACGGACGCCGTGGACAGCGTAGTTCGGGAT
ATCCAGAACACTCAGTGCCTGCTCAACGTGGAACACCTGAGTGCCGGCTGCCCCATGTC
ACCCTGCAGTTTGCAGATTCCAAGGGCGATGTGGGGCTGGGCTTGGTGAAGGAAGGGCTG
GTCATGGTGGAGGTGCGCAAGGAGAAACAGTTCAGAAAAGTATCACAGAATACCTGAAT
GCCCAAGAGTCAGCAAGAGCGCCAGGCTGAACCTGTGGCGCTATGGAGACTTTCAGAGT
GATGATGCAGACGAATTTGGCTACAGCCGCTAA

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Clone variation with respect to NM\_014390.2  
809 a=>n;810 c=>n;811 c=>n;812 a=>n

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_014390 unedited</p> <pre>GTCAGGAATTGTAACGACTCATATAGGCGGCNCGCAATCGGCACGAGGGCTGCTGCTC CTGTGAGCGCCCGGCGAGTCCGTCCCCTCCACCGTCCGCAGTGGTAGCCAGCCTGCCCC TCGCCTCGACTCCCTTTACCAACACCGGACACCCACATTGACACCTCCAGTCCGGCCAGC CGCTCCACTCGTTGCCTTTGCATCTCCACACATGGCGTCTCCGCGCAGAGCGGCGGCTC TCCCGGGGACCCGCGGTCCCCACCGTGCAGCGGGGCATCATCAAGATGGTCTCTCAGG GTGCGCCATCATTGTCCGAGGTCAAGCTCGTGGTGGCCCTCCTCCTGAGCGGCAGATCAA CCTCAGCAACATTTCGTGCTGAAAATCTTGCTCGCCGGGCAGCCGCCACACAACCTGATGC AAAGGATACCCCTGATGAGCCCTGGGCATTTCCAGCTCGAGAGTTCTTTCGAAAAGAGCT GATTGGGAAGGAAGTCTGTTTCACGATAGAAAACAAGACTCCCCAGGGGCGAGAGTATGG CATGATCTACCTTGAAAAGATACCAATGGGGAAAACATTGCAGAATCACTGGTTGCAGA GGGCTTAGCCACCCGAGAGAAGGCATGAGAGCTAATAATCCTGAGCAGAACCGGCTNTC AGAATGTGAAGAACAAGCAAAGGCAGCCAAGAAAGGGATGTGGAGTGAGGGGAACGGTTC ACATACTATCCGGGATCTCAAGTATACCATTGAAAACCAAGCACTNTGTGGACTCACAC CACCAGAAGCCTGTTAATGCTATCATCGAGCATGTGCGGGACGGCAGTGTGGTCAAGGCC CTGCTNCTCCAGATACTACCTGGTTACAGTCATGCTGTCAGGCATCAAGTGCCCAAACCT TTCGACGNAAGCAGATGGCAGTGGAACTCCAAG</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_014390 unedited</p> <pre>CGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTGCAGACAGCACGTAATTTTTATTG GGCCTCAAAGCTTTAAATACAGAATGGGCTGGCCAGAGCGAAGATGTGAACACACTGGC ATTTGAGAATGGAGTATCAGAAAAATCACATAATCAACAGTTGGACAGATAGCTGGGAC GAGGGCAGTCTGGGATAGAGGCAGGTGCCAGCTGGCGGCCAGCCTGGGTGTTAGGATTAC TCCTCCACTAGGACATAGTCTTTGATGTTTTCTTCTGATTTGAGGACTTTTTTTTTTTTA AAAAAAGCCACAAAACCTCCAAATAAAACCAACTGGCAGAGACTGTGGATAGCAGTGCCC ATCATCCAGAGGACAAGGGTCTGCCCCAGAAAGCCTTGGGGTCCCCACCCCGCAGTCCC GATGCCACCCACGATACATTTGCACACACTGAAGCAAAGCTGGACCCAATCTACAACCC CTCTCTGGGGTTTGGAGTTGAAAACCCCTCCCGGAGAGGAAATGGACTGGCGTGAGCGGG GCTGGGGCCAAACTCGTCCCCTTAAACGCTGGACCCAATTCCGCTGCTCATCACTCGAA AGTTTTCATAGCGCACAGTTTACCTGGCGCTCTAGCTGACTCTTGGCATTGAGGATTCAG TGAAACTTTTGGGACTGTATCTCCTTCGCACCTATACATGATCAGTCCTTTCTTACCAAG TCCAACCCACATGGTCTTGAATCTGAAATCGCAGGCTGAATGGGGGCACCCGCCCTCAG GTGTCCACCCTGACCAGCCTTGATGTTCTGGTATTCCGAACTCGTTGACACGGGTTCCGG CACTTTTTATTTTGGGCACCGGATAAGGGAAAAGTATACTCCGGTTGGCTGGCAAACCCG ATGTTGAGGACGGTTAGAGGCCCATGGTGGTGGGAGGCCTTTTGGTGCGAACATGGTAA AATGTTTTCGCAGGATTCATTT</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014390
<b>Insert Size:</b>	3780 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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:** [NM\\_014390.1](#), [NP\\_055205.1](#)

**RefSeq Size:** 3480 bp

**RefSeq ORF:** 2658 bp

**Locus ID:** 27044

**UniProt ID:** [Q7KZF4](#)

**Cytogenetics:** 7q32.1

**Domains:** TUDOR, SNase, TUDOR

**Protein Families:** Druggable Genome, Transcription Factors

**Gene Summary:** This gene encodes a transcriptional co-activator that interacts with the acidic domain of Epstein-Barr virus nuclear antigen 2 (EBNA 2), a transcriptional activator that is required for B-lymphocyte transformation. Other transcription factors that interact with this protein are signal transducers and activators of transcription, STATs. This protein is also thought to be essential for normal cell growth. A similar protein in mammals and other organisms is a component of the RNA-induced silencing complex (RISC). [provided by RefSeq, Jul 2016]