

Product datasheet for **SC320306**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_014390.2
GTCTCTTTGCTCCGTGTCCCGCTGCTCCTGTGAGCGCCCGCGAGTCCGTCGCCGTC
CACCGTCCGCGAGCTGGTAGCCAGCTGCCCTCGCCTCGACTCCCTTTACCAACACCGA
CACCCACATTGACACCTCCAGTCCGGCCAGCCGCTCCACTCGTTGCCTTTGCATCTCCAC
ACATGGCGTCTCCGCGCAGAGCGGGCTCCTCCGGGGACCCGCGGTCCCCACCGTGC
AGCGGGGCATCATCAAGATGGTCTCTCAGGGTGCGCCATCATTGTCCGAGGTCAGCCTC
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AAAACAAGACTCCCCAGGGGCGAGAGTATGGCATGATCTACCTTGAAAAGATACCAATG
GGGAAAACATTGCAGAATCACTGGTTGCAGAGGGCTTAGCCACCCGGAGAGAAGGCATGA
GAGCTAATAATCCTGAGCAGAACCGGCTTCAGAATGTGAAGAACAAGCAAAGGCAGCCA
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ACTACATTAGACCAGCCAGCCAGCCACAGAGACAGTGCCTGCCTTTTCAGAGCGTACCT
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CCACAGTGATCAGATACCGGCAGGATGATGACCAGAGATCATCACAACACTACGATGAACTGC
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AAATGCCAGTGTGTTACATCTTCGCTCTGGCCAGCCATTCTGTATTTAAAGCTTTTGA
GGCCCAATAAAATAGTACGTGCTGTCTGCAA

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- Restriction Sites:** Please inquire
- ACCN:** NM_014390
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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: [NM_014390.2](#), [NP_055205.2](#)

RefSeq Size: 3522 bp

RefSeq ORF: 2733 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]