

## Product datasheet for **SC301215**

### **SNF5 (SMARCB1) (NM\_001007468) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SNF5 (SMARCB1) (NM_001007468) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNF5
Synonyms:	BAF47; CSS3; hSNFS; INI1; MRD15; PPP1R144; RDT; RTPS1; Sfh1p; SNF5; SNF5L1; Snr1; SWNTS1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for NM\_001007468 edited  
 GAGCCCGGCTGAGGCGCCAGTACCCGGCCCGGTCCGCATTTCCGCCTCCGGCTTCGGTTT  
 CCCTCGGCCAGCACGCCCGGCCCGCCAGCCCTCTGATCCCTCGCAGCCCGGCTC  
 CGGCCCGCCGCTCTGCCGCCGAATGATGATGATGGCGCTGAGCAAGACCTTCGGGCAG  
 AAGCCCGTGAAGTTCCAGCTGGAGGACGACGGCGAGTTCTACATGATCGGCTCCGAGGTG  
 GGAAACTACCTCCGATGTTCCGAGGTTCTGTACAAGAGATACCCCTCACTCTGGAGG  
 CGACTAGCCACTGTGGAAGAGAGGAAGAAAATAGTTGCATCGTCACATGATCACGGATAC  
 ACGACTTAGCCACCAGTGTGACCCTGTTAAAAGCCTCGGAAGTGAAGAGATTCTGGAT  
 GGCAACGATGAGAAGTACAAGGCTGTGTCCATCAGCACAGAGCCCCCACCTACCTCAGG  
 GAACAGAAGGCCAAGAGGAACAGCCAGTGGGTACCCACCCTGCCAACAGCTCCCACCAC  
 TTAGATGCCGTGCCATGCTCCACAACCATCAACAGGAACCGCATGGGCCGAGACAAGAAG  
 AGAACCTTCCCCCTTTGCTTTGATGACCATGACCCAGCTGTGATCCATGAGAACGCATCT  
 CAGCCCGAGGTGCTGGTCCCATCCGGCTGGACATGGAGATCGATGGGCAGAAGCTGCGA  
 GACGCCTTCACTGGAACATGAATGAGAAGTTGATGACGCCTGAGATGTTTTCAGAAATC  
 CTCTGTGACGATCTGGATTTGAACCCGCTGACGTTTGTGCCAGCCATCGCCTCTGCCATC  
 AGACAGCAGATCGAGTCTACCCACGGACAGCATCCTGGAGGACCAGTCAGACCAGCGC  
 GTCATCATCAAGCTGAACATCCATGTGGGAAACATTTCCCTGGTGGACCAGTTTGTAGTGG  
 GACATGTCAGAGAAGGAGAACTCACCAGAGAAGTTTGCCCTGAAGCTGTGCTCGGAGCTG  
 GGGTTGGGCGGGGAGTTTGTACCACCATCGCATACAGCATCCGGGGACAGCTGAGCTGG  
 CATCAGAAGACCTACGCCTTCAGCGAGAACCCTCTGCCACAGTGGAGATTGCCATCCGG  
 AACACGGGCGATGCGGACCAGTGGTGCCCACTGCTGGAGACTCTGACAGACGCTGAGATG  
 GAGAAGAAGATCCGCGACCAGGACAGGAACACGAGGCGGATGAGGCGTCTTGCCAACACG  
 GCCCGGCCTGGTAACCCAGCCCATCAGCACACGGCTCCCACGGAGCATCTCAGAAGATTG  
 GGCCGCTCTCCTCCATCTTCTGGCAAGGACAGAGGCGAGGGGACAGCCAGCCAGCCATCC  
 TGAGGATCGGGTGGGGTGGAGTGGGGGCTTCCAGGTGGCCCTTCCCGGCACACATTCCA  
 TTTGTTGAGCCCCAGTCTGCCCCACCCACCCTCCCTACCCCTCCCCAGTCTCTGGG  
 GTCAGGAAGAAACCTTATTTTAGGTTGTGTTTTGTTTTGTATAGGAGCCCCAGGCAGGG  
 CTAGTAACAGTTTTTAAATAAAAGGCAACAGGTCATGTTCAATTTCTTCAACAAAAAAA  
 AAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_001007468

**Insert Size:** 1700 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).

**OTI Annotation:** The ORF of this clone is found to be a perfect match to NM\_001007468.1.

**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\\_001007468.1](#), [NP\\_001007469.1](#)

**RefSeq Size:** 1690 bp

**RefSeq ORF:** 1131 bp

**Locus ID:** 6598

**UniProt ID:** [Q12824](#)

**Cytogenetics:** 22q11

**Protein Families:** Transcription Factors

**Gene Summary:** The protein encoded by this gene is part of a complex that relieves repressive chromatin structures, allowing the transcriptional machinery to access its targets more effectively. The encoded nuclear protein may also bind to and enhance the DNA joining activity of HIV-1 integrase. This gene has been found to be a tumor suppressor, and mutations in it have been associated with malignant rhabdoid tumors. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2015]

Transcript Variant: This variant (2) uses an alternate in-frame donor splice site in the 5' coding region compared to variant 1. The resulting isoform (b) has the same N- and C-termini but lacks a 9 aa protein segment compared to isoform a.