

Product datasheet for **SC100413**

SNRNP27 (NM_006857) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNRNP27 (NM_006857) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNRNP27
Synonyms:	27K; RY1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_006857 edited ATGGGTTCGAGTCGCAGCCGCTCTCCACGGAGGGAACGTAGGCGTTCCCGGTCCACATCC CGGGAGAGAGAACGCAGGCCGCCGAGAAAGTCCAGGTCTCGGGAGAGAGATCGGAGAAGG AGCCGCTCGCGATCCCCGCACCGAAGACGCTCCCGATCTCCAAGACGACATAGATCCACA TCTCCTTCCCCTTCTCGACTGAAAGAAAGAAGAGATGAGGAAAAGAAAACAAAAGAA ACAAAGAGCAAAGAACGGCAGATTACTGAGGAAGACTTAGAGGGCAAAACAGAGGAAGAA ATAGAAATGATGAAGTTAATGGGATTTGCCTCCTTTGACTCCACAAAAGGTAAGAAGGTG GATGGCTCTGTAATGCCTATGCCATAAATGTCTCTCAGAAGAGGAAGTACAGGCAGTAC ATGAATCGAAAAGGTGGATTCAACAGACCTTTGGATTTTCATTGCATGA



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006857 unedited</p> <pre>TTATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGCGGGNACT CCAAATGGGTCGCAGTCGCAGCCGCTCTCCACGGAGGGAACGTAGGCGTTCCTCCGTTCCAC ATCCCGGAGAGAGAACGCAGGCCGCGAGAAAGTCCAGGTCTCGGGAGAGAGATCGGAG AAGGAGCCGCTCGCGATCCCCGCACCGAAGACGCTCCCGATCTCCAAGACGACATAGATC CACATCTCCTTCCCCTTCTCGACTGAAAGAAAGAAGAGATGAGGAAAAAGAAAGAAACAAA AGAAATAGAAATGATGAAGTTAATGGGATTTGCCTCCTTTGACTCCACAAAAGGTAAAGAA GGTGGATGGCTCTGTAATGCCTATGCCATAAATGTCTCTCAGAAGAGGAAGTACAGGCA GTACATGAATCGAAAAGGTGGATTCAACAGACCTTTGGATTTTCATTGCATGAGAATTGAA GTGTTGAAGGATGATTTTTTTTCCCCTCATCTTGGTCAGAGAGTGGATTTTGTATTTTGT ATTTAACTTGCATTCAAAAAACAGGATCTCAGTTCTCCTTTCTTGTAAAGTAAGAAAATC TTATTTATGATATATGCAGTTAACTTACCTTGCCTCAACAGAAGAAAGGTAAATATTAC ATNTTTTCTTTTAGAATATCATTGTGGCAGGCCATTTTATTTGCCTTATTCCTGT GGAAGCAGTATATGTTNTCTTTCTGAATGCTCATTANGACTTCTAAAAACATGTAAGG TATTTGGGAGTNAGTTTATCCACTAAAGCAGGTATCTACCCTTTTAGATTTGAATAAT ATTTTTATTACTAAAGAATCCTCCCAAACATTTCTTTTTTTTTNTCACACAATAGATT TAAATCTTTGATTGTTAGTAGCCTAAAAGTGGGAGGATGGANAAGCTACCTTGTTTTTTC TCT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006857 unedited</p> <pre>ATGGACCGCGGGCCGCATTCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTAGTAGTCACAGTTTTAATTATAATGGCAAGTCATGGGAGGCAAGCCAATGTTTAC CAATAAAACATTAGTTAATAAATTATGATACAACCAAGTAGTTACTAAAAGCTAAGTTTC CAAAGAATATTTAAAAGTACTTTTTAAATGTTCCACAGTACATAGGAGAAAAAAGGGTTAA AGAAAGAACTGCATACATATTCTGATCTCATAGGGGGGATCAACCCAAAGAAGCCTGGAA AAACATATACCAAAATGTTGAAATTGATTATTTCTGGGAGTAGATAACAGGGGATTTTCT GCTTTTCTTTTACTTTTGGTTTCTCTGAGATCTTTTTTTTGCATGTAATGCTTTTATACT TGCGGAGAGAACCATAAATGGGATTTTTTGGGGGGGGGGCGGCGACCACCGAAGATAGA AAAATCTAGTTATGCTTTTTTCACTTCCCATTTTTAGACTACTAACAATCAAGATACTT AAATCTATGTGTGAAAAAAGAAAAATGTCTGGGAAGATTCTTTAGTAATAAAAAATAT TTATCAAATCTAAAAGGTAGATATACTGCTTTATTGGATAAACTTACTTCCAAATFACT TTCATGTTTTTTAAGAAGTCCCTATGAGCATTCCGGGAGAAAAACATATACTGCTTCCACA GGGATAAGGGACAATAAAATGGGCTGGCACAATGATATTTCTAAAAGAAAAAATGT AATATTTAACCTTTNCTCTGGTTGAGGCAGGTAGTAACTGGCTAATCATAATAAGATT TTCTACTTTACAGAAGGGGGACTGAGATCCTGTTTTTTGATGCAGGTAATCAAATACAA ATCCCTCTGACCAGAGAGGGGAAAAAATCATCTCAACTCATTCTATGCAGGAATC AAGGTCTGTGAATCCCTTTTATCTGTC</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_006857
Insert Size:	1400 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:

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_006857.1](#), [NP_006848.1](#)

RefSeq Size: 1433 bp

RefSeq ORF: 468 bp

Locus ID: 11017

UniProt ID: [Q8WVK2](#)

Cytogenetics: 2p13.3

Protein Pathways: Spliceosome

Gene Summary: This gene encodes a serine/arginine-rich (SR) protein. SR proteins play important roles in pre-mRNA splicing by facilitating the recognition and selection of splice sites. The encoded protein associates with the 25S U4/U6.U5 tri-snRNP, a major component of the U2-type spliceosome. The expression of this gene may be altered in cells infected with the human T-cell lymphotropic virus type 1 (HTLV-1) retrovirus. A pseudogene of this gene is located on the long arm of chromosome 5. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Feb 2011]

Transcript Variant: This variant (1) represents the longer transcript and encodes a functional protein.