

## Product datasheet for **SC210627**

### **RNPS1 (NM\_006711) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** RNPS1 (NM\_006711) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** RNPS1  
**Synonyms:** E5.1  
**ACCN:** NM\_006711  
**Insert Size:** 874 bp  
**Insert Sequence:** >SC210627 3'UTR clone of NM\_006711  
The sequence shown below is from the reference sequence of NM\_006711. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCCGCTCCAGCTCCAACCTCTCCCGATTAACAGGCCACTGAAGCTCTCGCCCTGTAACCTATACCCC
ACCCAGCTCAGTTTTGTCACTTTTCTAGCCAAAGGAAGACCAGTAGGAAAGCAAACCTTGACTCTGGC
AGGATTTGCAGGCAGCAGGCAGCACCCCTCTGCCAGCCGGCCCGGCTGCAGAAGTGCTGTTGGTTTTG
GATGCTGTGTGCCTGTCAAGATCCCTCCGGTTTTCTGGCTAGAAAGCTCATCCGTTTCCGGTTTCTAA
GAGTCAGTTCAGTGGCAGAGCCACCAGGAAAAGTGAGGCTCTTGGGGTGGTTTGACCCTGCTTACCT
GGGAGCACACTTTTCCCTTCCCCGATGACCTGGGATGGTGGCCAGGCCGTGCCCTTGCTGTTGCTGGGC
AGTGTCTTTTGGAAAGGGAGCTGCCCCAGGCTTTAGTGCAGCTGCCAACCTGTAGGCCTGGCCTCT
CGAGGCCTCTTCTGACCTCAAGGGTCACACCCCTCAAAGATCCTCTACCCATGGTAGTTGCTGCTCG
TGGTTCTGTCTGTCCGTGCACCGATGCACACCCGACCCACCCTGTACTCTGAAATTGGCGAGTGA
GTGGAGAGCCAGCTCTGCGGAGTCATCACGCAGCCATGGTTGTGCCTGCCGTTTCATGGTGGTCTTTCAG
GTTATCTTGGCAACATGTACATTGCTTTATTTTTTTCTTTTTGCTTTCATTGTACAGTCACTACTA
TAAATTTCTCTTTGAGTTTTATACCTTTGTAGCATTTTAGATGACATTGTGTTTGTACTTTGTTGTG
TAGAGTGAAGAATTGTGTTGAATAAACCCAAGATCGGAATGCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_006711.5</a>
<b>Summary:</b>	This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein binds to the mRNA and remains bound after nuclear export, acting as a nucleocytoplasmic shuttling protein. This protein contains many serine residues. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]
<b>Locus ID:</b>	10921
<b>MW:</b>	32.1