

Product datasheet for **SC210626**

RNPS1 (NM_080594) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RNPS1 (NM_080594) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RNPS1
Synonyms: E5.1
ACCN: NM_080594
Insert Size: 874 bp
Insert Sequence: >SC210626 3'UTR clone of NM_080594
The sequence shown below is from the reference sequence of NM_080594. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCCGCTCCAGCTCCAACCTCCTCCCGATTAACAGGCCACTGAAGCTCTCGCCCTGTAACCTATACCCC
ACCCAGCTCAGTTTTGTCACTTTTCTAGCCAAAGGAAGACCAGTAGGAAAGCAAACCTTGACTCTGGC
AGGATTTGCAGGCAGCAGGCAGCACCCCTCTGCCAGCCGGCCCGGCTGCAGAAGTGCTGTTGGTTTTG
GATGCTGTGTGCCTGTCAAGATCCCTCCGGTTTTCTGGCTAGAAAGCTCATCCGTTTCCGGTTTCTAA
GAGTCAGTTCAGTGGCAGAGCCACCAGGAAAAGTGAGGCTCTTGGGGTGGTTTGACCCTGCTTACCT
GGGAGCACACTTTTCCCTTCCCCGATGACCTGGGATGGTGGCCAGGCCGTGCCCTTGCTGTTGCTGGGC
AGTGTCTTTTGGAAAGGGAGCTGCCCCAGGCTTTAGTGCAGCTGCCAACCTGTAGGCCTGGCCTCT
CGAGGCCTCTTCTGACCTCAAGGGTCACACCCCTCAAAGATCCTCTCACCCATGGTAGTTGCTGCTCG
TGGTCTGTCTGTCCGTGCACCGATGCACACCCGACCCACCCTGTACTCTGAAATTGGCGAGTGA
GTGGAGAGCCAGCTCTGCGGAGTCATCACGCAGCCATGGTTGTGCCTGCCGTTTCATGGTGGTCTTTCAG
GTTATCTTGGCAACATGTACATTGCTTTTATTTTTTTCTTTTTGCTTTCATTGTACAGTCACTACTA
TAAATTTCTCTTTGAGTTTTATACCTTTGTAGCATTTTAGATGACATTGTGTTTGTACTTTGTTGTG
TAGAGTGAAGAATTGTGTTGAATAAACCCAAGATCGGAATGCAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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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Components:	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.
RefSeq:	NM_080594.4
Summary:	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]
Locus ID:	10921
MW:	32.1