

## Product datasheet for **SC328981**

### SRPR alpha (SRPRA) (NM\_001177842) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SRPR alpha (SRPRA) (NM_001177842) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRPRA
Synonyms:	DP; Sralpha; SRPR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



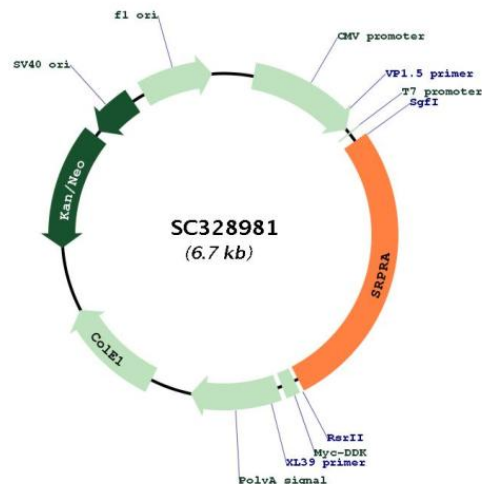
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**Fully Sequenced ORF:** >SC328981 representing NM\_001177842.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTCGACTTCTTACCATTCTCCAAGGGCGGGCTTGTGCTCTGGTCTCCAGGGCGTTAGCGAC
TCATGCACCGGACCCGTTAACCGGTTGATTCGTTCCGTGCTGCTGCAGGTTGGTTTTCAGAAGACCTG
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CTTCGTGAAGCAGAGGAGAGCAGTAAGATCCGTGCTCCCACTACCATGAAGAAATTTGAAGATTCTGAA
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CGAGGGACTGGGTCTGGGGGGCAGCTTCCAGGATCTGGACTGCAGCAGCTCTGATGACGAAGGGGCTGCT
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GAAGCCGTGGACCAGCTGGTCAAGTTCACAGAGCCTTGGCTGACCATTCTATGGCTCAGACACCTCGG
CTCATTGATGGCATTGTTCTTACCAAATTTGATACCATTGATGACAAGTGGGAGCTGCTATTTCTATG
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AATGCCAAGGCTGTGGTGGCTGCCCTCATGAAGGCTTAA
AGCGGACCGACGCGTACGCGGCCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
  
```

**Restriction Sites:** SgfI-RsrII

**Plasmid Map:**


**ACCN:** NM\_001177842

**Insert Size:** 1833 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:** 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\\_001177842.1](#)

**RefSeq Size:** 3016 bp

**RefSeq ORF:** 1833 bp

**Locus ID:** 6734

**UniProt ID:** [P08240](#)

**Cytogenetics:** 11q24.2

<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Protein export
<b>MW:</b>	66.6 kDa
<b>Gene Summary:</b>	<p>The gene encodes a subunit of the endoplasmic reticulum signal recognition particle receptor that, in conjunction with the signal recognition particle, is involved in the targeting and translocation of signal sequence tagged secretory and membrane proteins across the endoplasmic reticulum. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2010]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' coding region but maintains the reading frame, compared to variant 1. The resulting protein (isoform 2) is shorter compared to isoform 1.</p>