

Product datasheet for **SC321428**

SRPR alpha (SRPRA) (NM_003139) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRPR alpha (SRPRA) (NM_003139) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRPR alpha
Synonyms:	DP; Sralpha; SRPR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_003139.2
GTCCCGCGCTTGGCGCAGCAGGAAGCGGCGGCGAACGCGGCTGAATCCCGGCGCCGGC
CCCAGCTCCTCTGCCGCTGCCGCATGCTCGACTTCTTACCATTCTTCCAAGGCGGG
CTTGCTCTGGTGTCCAGGGCGTTAGCGACTCATGCACCGGACCCGTTAACGCGTTG
ATTCGTTCCGCTGCTGTCAGGAACGGGGAGGTAACAACCTCTTACCCATGAGGCACTC
ACACTCAAGTATAAACTGGACAACCAGTTTGTAGCTGGTGTGTTGGTTGGTTTTCAAG
ATCCTGACACTGACATATGTAGACAAATTGATAGATGACGTGCATCGGCTGTTTCGGGAC
AAGTACCGCACAGAGATCCAACAGCAAAGTGCTTTAAGTTTATTAATGGCACTTTTGAT
TTCCAAAATGACTTCTGCGGCTCCTTCGTGAAGCAGAGGAGAGCAAGTAAAGTCCGTGCT
CCCACTACCATGAAGAAATTTGAAGATTCTGAAAAGGCCAAGAAACCTGTGAGGTCCATG
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ACTGCCCTGGCCAACTCATTACTGTCAATACACCTGATTTGGTGTGTTGTAGGAGAA
GCCTTAGTAGGCAATGAAGCCGTGGACCAGCTGGTCAAGTTCAACAGAGCCTTGCTGAC
CATTCTATGGCTCAGACACCTCGGCTCATTGATGGCATTGTTCTTACCAATTTGATACC
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GCTGCCCTCATGAAGGCTTAACGTGGCTTTGCCCAATACCAATCGCCGCTTTCCCCAC
AAGCCCTTCTTCTGTATCAAGAATGTGCTTTAGAGTATGTGAGCAACCTGTCTTCAGTG
TAGTACAAAGGCAGAGTGAGGGGGCTTGTGGCTCCTTCCAACCCCACTCCCGTTTCAGCA
CAGCCGCCATTTGCAAGGAAGCCCTAATCATGTTACAATCACTGCCCACTGACCCCTCC
CAGCGGGCCTCCCTTCTACTCAGGCACCCCTTCACTCTGCCTACAGACTCAGTCTT
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TCAAGAGCCGTCTGAGCCTAATGAGTCCCAGCTGCATTAGGTTAAGAGACTCTTCCAGAG
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CCTGGATGACACCCGCTCACTGTGGCAGTGTATTGCCTGTTAATTGCTGCTAATTCTAA
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TGTTACAAATGAGCAAAAGATGAGTCTTGCTTCCCTCAGAAATAAAAGTAGCTCAGCTG
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GCTCTGCATGTTCCCTTCTGGGAGGAAACCAATTGTCAGAAGGATGTATGATGACCCC
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AGTGCCTGGTAGACAAGTGTACATTGAAGAACAACCTCTTGTAAAGACTTGTCTGT
TAGCTTGATATTACAGATGTGCTATTAGTGCAATAAGGTGAAGGCTGTCTGCCAGAGAA
ATAAGTAATTTATATAAGAAAATAAATTTTATAAATAAAAAAAAAAAAAA
    
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Restriction Sites:	Please inquire
ACCN:	NM_003139
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:	<ol style="list-style-type: none">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_003139.2 , NP_003130.2
RefSeq Size:	2958 bp
RefSeq ORF:	1917 bp
Locus ID:	6734
UniProt ID:	P08240
Cytogenetics:	11q24.2
Domains:	SRP54, AAA, SRP-alpha_N
Protein Families:	Druggable Genome
Protein Pathways:	Protein export
Gene Summary:	<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 (1) represents the longer transcript and encodes the longer isoform (1).</p>