

Product datasheet for **SC302827**

SRA1 (NM_001035235) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRA1 (NM_001035235) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRA1
Synonyms:	pp7684; SRA; SRAP; STRAA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302827 representing NM_001035235. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
 ATGACGCGCTGCCCGCTGGCCAAGCGGAAGTGGAGATGGCGGAGCTGTACGTGAAGCCGGGCAACAAG
 GAACGCGGCTGGAACGACCCGCCGAGTTCTCATACGGGCTGCAGACCCAGGCCGGCGGACCCAGGCGC
 TCGCTGCTTACCAAGAGGGTCGCCGCACCCAGGATGGATCCCCAGAGTCCCGCATCAGAGACTTCT
 CCTGGGCTCCCCAATGGGGCTCCACCTCCTCAAGTAAGGCTCCAGGTCCCACCTGTGGGGAGT
 GGTCTGCCTCTGGCGTGGAGCCACAAGTTCCAGTCGAGTCTGAGGCTGTGATGGAGGATGTGCTG
 AGACCTTTGGAACAGGCATTGGAAGACTGCCGTGGCCACACAAGGAAGCAGGTATGTGATGACATCAGC
 CGACGCTGGCACTGCTGCAGGAACAGTGGGCTGGAGGAAAGTTGTCAATACCTGTAAAGAAGAGAATG
 GCTCTACTGGTGAAGAGCTTTCAAGCCACCGGTGGGACGCAGCAGATGACATCCACCGCTCCCTCATG
 GTTGACCATGTGACTGAGGTCACTCAGTGGATGGTAGGAGTTAAAGATTAATTGCAGAAAAGAGGAGT
 CTGTTTTAGAGGAGGCAGCCAATGAAGAGAAATCTGCAGCCACAGCTGAGAAGAACCATAACCATACCA
 GGCTTCAGCAGGCTTCA**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001035235
Insert Size:	711 bp


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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:	<u>NM_001035235.3</u>
RefSeq Size:	1955 bp
RefSeq ORF:	711 bp
Locus ID:	10011
UniProt ID:	<u>Q9HD15</u>
Cytogenetics:	5q31.3
MW:	25.7 kDa
Gene Summary:	<p>Both long non-coding and protein-coding RNAs are transcribed from this gene, and they represent alternatively spliced transcript variants. This gene was initially defined as a non-coding RNA, which is a coactivator for several nuclear receptors (NRs) and is associated with breast cancer. It has now been found that this gene is involved in the regulation of many NR and non-NR activities, including metabolism, adipogenesis and chromatin organization. The long non-coding RNA transcripts interact with a variety of proteins, including the protein encoded by this gene. The encoded protein acts as a transcriptional repressor by binding to the non-coding RNA. [provided by RefSeq, Mar 2012]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>