

## Product datasheet for **RC214037**

### **FUSIP1 (SRSF10) (NM\_054016) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FUSIP1 (SRSF10) (NM_054016) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FUSIP1
Synonyms:	FUSIP1; FUSIP2; NSSR; PPP1R149; SFRS13; SFRS13A; SRp38; SRp40; TASR; TASR1; TASR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC214037 representing NM_054016 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCCGCTACCTGCGTCCCCCAACACGTCTCTGTTTCGTGAGAACGTGGCCGACGACACCAGGTCTG  
AAGACTTGC GGCGTGAATTTGGTCGTTATGGTCTATAGTTGATGTGTATGTTCCACTTGATTTCTACAC  
TCGCCGTCGAAGAGGATTTGCTTATGTTCAATTTGAGGATGTTTCGTGATGCTGAAGACGCTTTACATAAT  
TTGGACAGAAAGTGGATTTGTGGACGGCAGATTGAAATACAGTTTGCCAGGGGGATCGAAAGACACCAA  
ATCAGATGAAAGCCAAGGAAGGGAGGAATGTGTACAGTTCTTCAGCTATGATGATTATGACAGATACAG  
ACGTTCTAGAAGCCGAAGTTATGAAAGGAGGAGATCAAGAAGTCGGTCTTTTGATTACAACATAGAAAGA  
TCGTATAGTCCTAGAAACAGTAGACCGACTGGAAGACCACGGCGTAGCAGAAGCCATTCGACAATGATA  
GATTCAAACACCGAAATCGATCTTTTTCAAGATCTAAATCCAATTCAGATCACGGTCCAAGTCCCAGCC  
CAAGAAAGAAATGAAGGCTAAATCACGTTCTAGGTCTGCATCTCACACAAAACCTAGAGGCACCTCTAAA  
ACAGATTCCAAAACACATTATAAGTCTGGCTCAAGATATGAAAAGGAATCAAGGAAAAAGAACCCACTA  
GATCCAAATCTCAGTCAAGATCACAGTCTAGGTCTAGGTCAAATCTAGATCAAGGTCTTGACTAGTCC  
TAAGTCCAGTGGCCAC

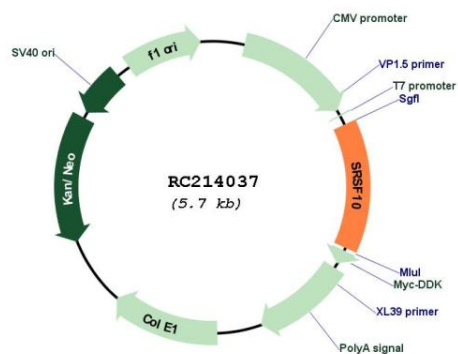
**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA





<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_054016.4</u>
<b>RefSeq Size:</b>	7792 bp
<b>RefSeq ORF:</b>	789 bp
<b>Locus ID:</b>	10772
<b>UniProt ID:</b>	<u>O75494</u>
<b>Cytogenetics:</b>	1p36.11
<b>Domains:</b>	RRM
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	Spliceosome
<b>MW:</b>	31.3 kDa
<b>Gene Summary:</b>	This gene product is a member of the serine-arginine (SR) family of proteins, which are involved in constitutive and regulated RNA splicing. Members of this family are characterized by N-terminal RNP1 and RNP2 motifs, which are required for binding to RNA, and multiple C-terminal SR/RS repeats, which are important in mediating association with other cellular proteins. This protein interacts with the oncoprotein TLS, and abrogates the influence of TLS on adenovirus E1A pre-mRNA splicing. This gene has pseudogenes on chromosomes 4, 9, 14, 18, and 20. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Product images:



Circular map for RC214037