

Product datasheet for **RC201227**

SFRS4 (SRSF4) (NM_005626) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SFRS4 (SRSF4) (NM_005626) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SFRS4
Synonyms:	SFRS4; SRP75
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC201227 representing NM_005626
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCCGGGTGTACATCGGCCCTGAGCTACCAGGCCGGAGCGGATGTGGAGCGCTCTTTAAGG
 GCTACGGGAAGATCCTGGAGGTGGATCTGAAGAACGGATATGGTTTTGTGGAGTTTGATGATCTCGGTGA
 TGCAGATGATGCTGTTTATGAACTGAATGGCAAAGACCTTTGTGGTGAGCGAGTAATTGTTGAGCATGCC
 CGCGGCCACGGCGAGATGGCAGTTACGGTTCTGGACGCAGTGGATATGGTTATAGAAGAAGTGGCCGAG
 ATAATATGGCCCTCTACTCGCACAGAGTACAGACTTATTGTGGAGAATTTGTCAAGTCGGTGCAGCTG
 GCAAGACCTAAAGGATTATGCGTCAGGCAGGAGAAGTACTTATGCAGATGCTCACAAGGACGCAAA
 AATGAAGGGGTGATTGAATTTGTATCTTATTCTGATATGAAAAGAGCTTTGAAAAAGTTGGATGAACTG
 AAGTCAATGGGAGAAAAATCAGATTAGTTGAAGACAAGCCAGGTTCCAGACGACGCCGGTCTACTCCAG
 AAGCCGGAGTCATTCAAGGTCTCGCTCTCGAAGCAGACATCCCGTAAGAGCAGAAGCCGAAGTGGCAGC
 AGCAAAAGCAGTCATTCTAAGAGTAGATCTCGGTCCAGGTCGGGCTCCCGCTCCCGGAGCAAGAGCCGGA
 GCCGGAGCCAGATCGGAGCCGGAGCAAGAAAGAGAAAAGCAGGAGCCCCAGCAAGGAAAAGAGCCGAG
 CCGCAGCCATAGCGCTGGCAAGAGCCGAGCAAGAGCAAAAGACCAAGCTGAAGAGAAGATCCAAAACAAT
 GACAATGTCCGGAAACCAAGAGCCGGAGTCTAGCAGGCATAAAAGTAAGAGCAAAAGTCCGAGCAGGA
 GTCAGGAGAGGAGTGGAGGAGGAGAAGCAGGGAGTGTGAGCAGGGCAGGAGCCAGGAGAAGAGCCT
 CCGCCAGAGTCGGAGCCGGAGCAGGAGCAAAAGGGGCAGCAGGAGCCGGAGCAGGAGCCGACGAAGAGC
 AAGGACAAGAGGAAGGGCAGGAAGAGAAGCAGAGAGGAGAGCCGAGTCGCAGTCGCAGCCGAGCAAGA
 GTGAGAGGAGCAGAAAGCGAGGACAGCAAGCGAGACAGCAAGCGGGCAGCAGCAAGAAGAAGAAGAA
 AGACTGACCGCTCCAGTCCAGATCTCCATCCCGCTCCGTGTCAAAGGAGCGGGAACATGCCAAGTCT
 GAATCCAGCCAGAGGGAAGGTCGAGGAGAGAGTGAAGTCTGGACCAATCAGGAGACCCGGTCCAGGT
 CGAGATCCAATTCAAAATCGAAACCAAACCTTCCATCAGAATCACGCTCCAGATCAAAGTCAAGTCTCAA
 AACCCGATCTCGGTCCAAGTCTAGATCCAGGTCTGCTTCCAGATCGCCCTCCCGATCTAGATCTAGGTCC
 CACTCAAGGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201227 representing NM_005626
 Red=Cloning site Green=Tags(s)

MPRVYIGRLSYQARERDVERFFKGYGKILEVDLKNYGFVEFDLDRDADDVYELNGKDLGGERVIVEHA
 RGPRRDGSYSGRSGYGYRRSGRDKYGPPTREYRLIVENLSSRCSWQDLKDYMRQAGEVYADAHKGRK
 NEGVIIEFVSYSDMKRALEKLDGTEVNGRKIRLVEDKPGSRRRRSYSRSRSHSRSRSRHSRKSRSRSGS
 SKSSHKSRSRSGSRSRSKSRSSQSRSRKKEKSRSPSKEKSRSRSHSAGKSRSKSKDQAEKIQNN
 DNVGPKSRSPSRHKSKSRSSQERRVEEEKRGSVSRGRSQEKSLRQSRSRSRKGGSRSRSRSKS
 KDKRKRKRSREESRSRSRSRKSERSRKRGSKRDSKAGSSKKKKEDTDRSQSRSPSRVSKEREHAKS
 ESSQREGRESENAGTNQETRSRSRNSKSKPNLPSESRSRKSASKTRSRKSRSRASRSPSRSRSR
 HSRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mg2598_b09.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_005626

ORF Size: 1482 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_005626.5](#)

RefSeq Size: 2158 bp

RefSeq ORF: 1485 bp

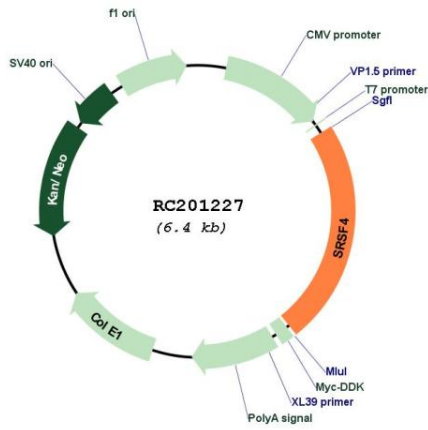
Locus ID: 6429

UniProt ID: [Q08170](#)

Cytogenetics: 1p35.3

Domains: RRM
Protein Pathways: Spliceosome
MW: 56.5 kDa
Gene Summary: This gene encodes a member of the arginine/serine-rich splicing factor family. The encoded protein likely functions in mRNA processing. [provided by RefSeq, Feb 2009]

Product images:



Circular map for RC201227