

Product datasheet for **RR216201**

Srsf5 (NM_001195505) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Srsf5 (NM_001195505) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Srsf5
Synonyms: HRS; Sfrs5; SRp40
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216201 representing NM_001195505
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGTGGCTGTCGAGTGTTTCATTGGGAGACTAAATCCCGCAGCGAGGGAGAAAGATGTGGAAAGATTCT
TCAAGGGTTACGGACGGATCAGAGATTTGATTTGAAAAGAGTTTTGGTTTTGTGGAATTTGAGGACCC
AAGGGATCGAGATGACGCTGTTTATGAACTTGATGGGAAGGAACTTGCAGTGAAAGGGTTACTATTGAA
CATGCTCGGGCTCGGTCTCGAGGTGGAAGAGGTAGAGGACGATACTCCGACCGTTTTAGCAGTCGCAGAC
CTCGAAATGATAGACGAAATGCTCCACCTGTAAGAACAGAAAATCGACTTATAGTTGAGAATTTATCCTC
AAGAGTCAGCTGGCAGGATCTCAAAGATTTTCATGAGACAAGCTGGGGAAGTAACCTTTGCGGATGCACAT
CGACCTAAACTAAATGAAGGGTAGTTGAGTTGCCTCTTATGGTGACTTAAAGAATGCTATTGAGAAAC
TTTCTGAAAAGGAAATTAATGGGAGAAAATCAAATTAATTGAAGGCAGCAAAAGACACAGGTCAAGAAG
CAGGTCACGATCTCGACCAGGAGTTCCTCTAGGTCCCGTAGCCGATCCCGTTACGCAGGAGCAAGTCT
TACAGCCGATCAAGGAGCAGGAGCCGGAGCCGGAGCAAGTCCCGTTCTGGTAGTAGGTCTCCCGTGCCTG
AGAAGAGCCAGAAACGTGGTTCTTCGAGTAGATCTAAATCTCCAGCATCTGTGGATCGCCAGAGGTCCCG
ATCCCGTCCAGGTCCAGATCAGTTGACAGTGGCAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216201 representing NM_001195505
Red=Cloning site Green=Tags(s)

MSGCRVFIGRLNPAAREKDVERFFKGYGRIRDIDLKRGFGFVEFEDPRDADDAVYELDGKELCSERVITIE
 HARARSRGGRRGRYSDFSSRRPRNDRRNAPPVRTENRLIVENLSSRVSWQDLKDFMRQAGEVTFADAH
 RPKLNEGVVVEFASYGDLKNAIEKLSGKEINGRKIKLIEGSKRHRSSRSRSRTRSSRSRSRSRRSRKS
 YSRSSRSRSRSKSRGSRSPVPEKSQKRGSSRSKSPASVDRQSRSSRSRSRSVSDSGN

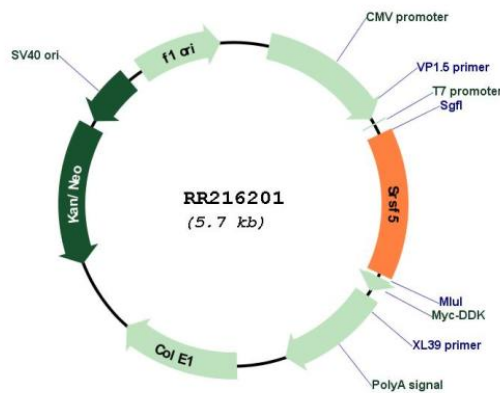
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001195505
ORF Size: 807 bp

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|-------------------------------|---|
| 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: | <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_001195505.1 , NP_001182434.1 |
| RefSeq Size: | 1626 bp |
| RefSeq ORF: | 810 bp |
| Locus ID: | 29667 |
| UniProt ID: | Q09167 |
| Cytogenetics: | 6q24 |
| MW: | 30.9 kDa |
| Gene Summary: | may act as a regulator of alternative pre-mRNA splicing; may play a role in cell cycle regulation [RGD, Feb 2006] |