

Product datasheet for **RG209660**

SFRS3 (SRSF3) (NM_003017) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SFRS3 (SRSF3) (NM_003017) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SRSF3
Synonyms: SFRS3; SRp20
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG209660 representing NM_003017
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATCGTGATTCTGTCCATTGGACTGTAAGGTTTATGTAGGCAATCTTGAAACAATGGCAACAAGA
CGGAATTGGAACGGGCTTTTGGCTACTATGGACCACTCCGAAGTGTGTGGTTGCTAGAAACCCACCCGG
CTTTGCTTTTGTGAATTTGAAGATCCCCGAGATGCAGCTGATGCAGTCCGAGAGCTAGATGGAAGAACA
CTATGTGGCTGCCGTGAAGAGTGAACGTGCGAATGGTAAAAAAGAAGTAGAAATCGTGGCCACCTC
CCTCTTGGGGTCGTCGCCCTCGAGATGATTATCGTAGGAGGAGTCTCCACCTCGTCGCAGATCTCCAAG
AAGGAGAAGCTTCTCTCGAGCCGAGCAGGTCCCTTTCTAGAGATAGGAGAAGAGAGATCGCTGTCT
CGGGAGAGAAATCACAAGCCGTCGCCGATCCTTCTAGGTCTCGTAGTCGATCTAGGTCAAATGAAAGGA
AA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG209660 representing NM_003017
Red=Cloning site Green=Tags(s)
MHRDSCPLDCKVYVGNLGNNGNKTLELAFGYGPLRSVWVARNPPGFAFVEFEDPRDAADAVRELDGRT
LCGCRVVELSNGEKRSRNRGPPPSWGRPRDDYRRRSPPPRRRSFRRSRSRSLSRDRRRERSLS
RERNHKPSRSFSRSRSRERNERK

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_003017.5
RefSeq Size:	2060 bp
RefSeq ORF:	495 bp
Locus ID:	6428
UniProt ID:	P84103
Cytogenetics:	6p21.31-p21.2
Domains:	RRM
Protein Families:	Stem cell - Pluripotency
Protein Pathways:	Spliceosome
Gene Summary:	The protein encoded by this gene is a member of the serine/arginine (SR)-rich family of pre-mRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an RNA recognition motif (RRM) for binding RNA and an RS domain for binding other proteins. The RS domain is rich in serine and arginine residues and facilitates interaction between different SR splicing factors. In addition to being critical for mRNA splicing, the SR proteins have also been shown to be involved in mRNA export from the nucleus and in translation. Two transcript variants, one protein-coding and the other non-coding, have been found for this gene. [provided by RefSeq, Sep 2010]