

Product datasheet for RC235117

SFRS8 (SFSWAP) (NM_001261411) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SFRS8 (SFSWAP) (NM_001261411) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SFSWAP
Synonyms: SFRS8; SWAP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC235117 representing NM_001261411
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGTACGGCGGAGCGGGGGCCGCGCAAACCCGAGAGGAAAAGCGGCGGAAGGAGGAGGCCGGGCCAG
GCGGTGCCGGCGGTGGGGCAGCCGAGTGGAGCTCTTGGTTTTCGGCTATGCCTGCAAGCTGTTCCGGGA
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ACAGAGATTATCAGCTGTCTGAAGAGGAGGCGGAATAGAGGCCCTGTGTGATGAAGAGAGGTATTTAGC
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GCAGAGGATGGGAGCTACAATGCCGTGGGGTTCACCTACGGTAGCGACTATTACGACCCGTCAGAGCCGA
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GTCAGCTCTGACAATGAAGATGATGATGATGAAGAAGATGGGAATTACCTTCATCCCTCTCTTTGGCT
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AGCACTTGTTCGTAAGGCACAGGCTGACAGTTCACCTCCACCCACACAACGCAGACGGTGCCTGTG
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GCATGCAGGCTGTGTCTGCACCAGAAGAGGCTCCACAGACTCTGCTCCCGAGAAGCCAAGTGATGCTGG
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Protein Sequence:

>RC235117 representing NM_001261411
 Red=Cloning site Green=Tags(s)

MYGASGGRAKPERKSGAKEEAGPGGAGGGSRVELL VFGYACKLFRDDERALAQEQQHLIPWMDHKIL
 IDRYDGRGHLHDLSEYDAEYSTWNRDYQLSEEEARIEALCDEERYLALHTDLLEEEARQEEYKRLSEAL
 AEDGSYNAVGFITYGSDYDPSEPTSEEEPSKQREKNEAENLEENEPFVAPLGLSVPDVELPPTAKMHA
 IIERTASFVCRQGAQFEIMLKAKQARNSQDFLRFDHLYNPYYKFIQKAMKEGRYTVLAENKSDEKKKSG
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 QPSQVEYADSTVAAMYSSYYMLPDGTYCLAPPPGIDVTTYSTLPAGVTVSNPVGTTTTAPPPGTTT
 LPPPTTAAETSSGATSTTTTTSALAPVAII PPPPDVQPVIDKLAEYVARNGLKFETSVRAKNDQRFEFLQ
 PWHQYNAYYEFKKQFFLQKEGGDSMQAVSAPEEAPTDSAPEKPSDAGEDGAPEDAAEVGARAGSGGKKEA
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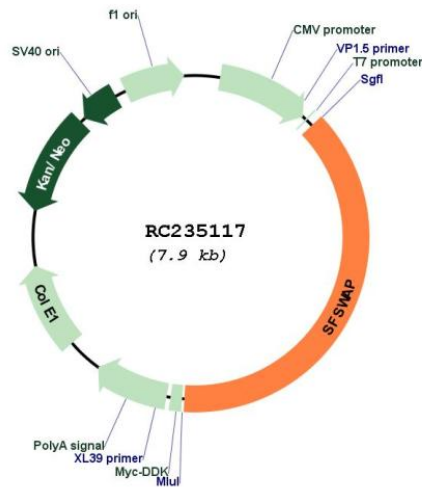
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001261411
ORF Size: 3009 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:	<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_001261411.1 , NP_001248340.1
RefSeq Size:	3414 bp
RefSeq ORF:	3012 bp
Locus ID:	6433
UniProt ID:	Q12872
Cytogenetics:	12q24.33
Protein Families:	Transcription Factors
MW:	110.5 kDa
Gene Summary:	This gene encodes a human homolog of Drosophila splicing regulatory protein. This gene autoregulates its expression by control of splicing of its first two introns. In addition, it also regulates the splicing of fibronectin and CD45 genes. Two transcript variants encoding different isoforms have been identified. [provided by RefSeq, May 2012]