

Product datasheet for **SC302032**

SFRS14 (SUGP2) (NM_001017392) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SFRS14 (SUGP2) (NM_001017392) Human Untagged Clone
Tag:	Tag Free
Symbol:	SFRS14
Synonyms:	SFRS14; SRFS14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302032 representing NM_001017392. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGCAGCCAGACGAATTACACAGGAGACTTTTGATGCTGTATTACAAGAAAAAGCCAAACGATATCAC
ATGGATGCCAGTGGTGAGGCTGTAAAGCGAACTCTTCAGTTTAAAGCTCAAGATCTCTTAAGGGCAGTC
CCAAGATCCAGAGCAGAGATGTATGATGACGTCCACAGCGATGGCAGATACTCCCTCAGTGGATCTGTA
GCTCACTCTAGAGATGCCGGAAGAGAAGGCCTGAGAAGTGACGTATTTCCAGGGCCTTCCTTCAGATCA
AGCAACCTTCCATCAGTGATGACAGCTACTTTGCGAAAGAATGTGGCCGGGATCTGGAATTTTCTCAC
TCTGATTCTCGGGACCAGGTCATTGGCCACCGAAATTTGGGCATTTCCGTTCTCAGGACTGGAAATTT
GCGCTCCGTGGTTCTTGGGAACAAGACTTTGGCCATCCAGTTTCTCAAGAGTCCTTGGTCACAGGAG
TATAGTTTGGTCCCTCTGCAGTTTGGGGACTTTGGATCTTCCAGGCTGATTGAGAAAGAGTGTTTG
GAGAAGGAGAGTCGGGATTATGACGTGGACCATCTGGGGAGGCTGACTCTGTGCTTAGGGGCGGCAGT
CAAGTCCAGGCCAGAGGTCGAGCTCTAAACATCGTTGACCAGGAAGGTTCCCTCCTAGGAAAGGGGGAG
ACTCAGGGCCTGCTCACAGCTAAGGGGGGTGTTGGGAACTTGTACATTGAGAAATGTGAGCACAAAA
AAAATACCCACCGTGAATCGTATTACTCCAAAACCTCAGGGCACTAACCAATCCAGAAAAACACTCCA
AGTCTGATGTGACCCTGGGACAAACCCAGGGACAGAAGATCCAGTTCCTTCCAGTTCAGAAAGATCCCT
CTGGGGCTGGATCTGAAGAATCTTCGGCTCCCCAGAAGAAAGATGAGCTTTGACATCATAGATAAGTCT
GATGTTTTTCAAGATTTGGGATAGAAATAATCAAATGGGCAGGATTCACACCATAAAAGATGATATT
AAATTTTCCCACTTTTCCAGACTCTCTTTGAACCTTGAACAGAAACCTGTGCTAAAATGCTTGCCTCA
TTCAAATGTTCTTAAAACAGAGCACAGAGATTTTGTCTTTTACTATCAAATTTTAAAGCACTCT
GCTTTGAAAACACCCAGAGTTGATAATGAGTTTTTAAACATGCTTTTAGACAAAGGTGCTGTGAAGACC
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AAGAGTGTCACACCTTTGCTTATGGCCTGCAATGCCTACGAGCTAAGTGTCAAGATGAAGACCTCAGT
AACCCCTGGACTTGGCTCTTGGCCTAGAAACCACTCTCTCTGCCGGAAGTCTTTGGCCCTTTTG
GGACAGACATTTCTTGGCCTCTCTTCCGGCAGGAGAAAATCTTAGAAGCTGTGGCCTGCAAGAT



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ATAGCTCCCTCACCTGCTGCGTTTCCAACTTCGAAGACTCCACTTTGTTTGGGCGAGAGTACATAGAC
 CACCTGAAGGCCTGGCTAGTCAGCAGCGGATGTCCCTCCAGGTTAAGAAAGCCGAACAGAGCCGATG
 CGAGAGGAGGAGAAAAATGATTCTCTACGAAACCTGAAATTCAGGCCAAGGCTCCAAGTAGTCTGAGT
 GATGCTGTCCCCAGCGAGCAGATCACAGGGTAGTGGGCACCATCGACCAGCTTGTAACGTGTCATC
 GAAGGCAGCCTGTCTCCAAAGAGAGAACTCTTCTCAAAGAGGACCCTGCTTACTGGTTTTGTCTGAT
 GAAAATAGTCTGGAGTATAAATATTACAAGCTGAAGTTGGCAGAAATGCAGCGGATGAGCGAGAACTTG
 CGAGGAGCCGACCAGAAGCCGACCTCAGCAGACTGTGCAGTGAGGGCCATGCTGTACTCCCGGGCTGTC
 CGCAACCTCAAGAAGAACTCCTTCCGTGGCAGCGCGGGGCTCCTCCGTGCTCAAGGGCTCCGGGGC
 TGAAGGCGAGGAGAGCGACCACCGGGACCCAGACCCTCTATCCTCAGGCACCAGGCTGAAACACCAC
 GGCCGGCAGGCTCCAGGCCTCTCACAGGCAAAACCATCCCTGCCAGACAGAAATGATGCTGCCAAGGAC
 TGCCCGCCAGACCCAGTTGGACCTTCTCCTCAGGACCCAGCTTAGAAGCCTCAGGCCCATCCCCAAG
 CCAGCAGGAGTGACATCTCTGAAGCACCTCAGACCTCTTCTCCCTGCCATCTGCTGACATTGACATG
 AAGACAATGGAGACTGCAGAGAACTGGCTAGATTTGTTGCTCAGGTGGGACCAGAGATCGAACAATTC
 AGCATAGAAAACAGCACCATAACCCTGACCTGTGGTTTCTACATGACCAAAATAGTTCTGCTTTCAA
 TTCTATCGAAAGAAAGTGTGAACTATGTCCATCAATTTGTTTCACGTATCTCCGCACAACCTTCAC
 ACTGGTGGTGGTGACACCACGGGTTCTCAGGAGAGCCCGTGGACCTCATGGAAGGGGAAGCAGAGTTT
 GAAGACGAGCCCCCTCCGCGGGAGGCTGAGCTGGAGAGCCAGAGGTGATGCCTGAGGAGGAGGACGAG
 GACGATGAGGATGGGGGAGAGGAGGCCCGCTCCTGGAGGGGCGGGCAAGTCTGAGGGCAGCACCCCT
 GCCGACGGCTTCCCGGCGAGGCTGCCGAGGACGACCTGGCTGGAGCACCTGCCTTGTCAGAGCCTCC
 TCAGGTACCTGCTTCCCTCGGAAGAGGATCAGCAGCAAGTCATTGAAGGTTGGCATGATTCCAGCTCCC
 AAGAGAGTGTGTCTATCCAGGAGCCAAAAGTCCATGAACCAGTTCGAATTGCCTATGACAGGCCTCGG
 GGTGTCCTCCATGTCCAAAAGAAGAAACCAAGGACTTGGACTTCGCCAGCAGAAAGTGACCGATAAG
 AACCTGGGCTTCAGATGCTGCAGAAGATGGGCTGGAAGGAGGGCCATGGCTGGGCTCCCTCGGAAAG
 GGCATCAGGGAGCCGGTCAGCGTGGGAACCCCTCGGAAGGGGAAGGGTTGGGTGCTGACGGGCAGGAG
 CACAAAGAAGACACATTGATGTGTTCCGACAGAGGATGATGCAGATGTACAGACACAAGCGGGCCAAC
 AAATAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001017392
Insert Size:	3249 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA
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_001017392.1](#)

RefSeq Size: 4768 bp

RefSeq ORF: 3249 bp

Locus ID: 10147

UniProt ID: [Q8IX01](#)

Cytogenetics: 19p13.11

MW: 120.2 kDa

Gene Summary: This gene encodes a member of the arginine/serine-rich family of splicing factors. The encoded protein functions in mRNA processing. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009]
 Transcript Variant: This variant (1) encodes the shorter isoform (1). Variants 1-4 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.