

Product datasheet for **RN215123**

Sfswap (NM_001034924) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfswap (NM_001034924) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sfswap
Synonyms:	Sfrs8; Srsf8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215123 representing NM_001034924
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGAGAGAGGAAGAATACAAAAGATTGAGTGAAGCGCTGGCGGAGGATGGGAACTACAGTGCCGTAG
 GGTTCACTTACGGCAGTACTATTACGACCCGTCAGAGCCACAGAGGAGGAGGCCCTCGAAGCAGAG
 AGAAAAAGTGAGGCTGAAAACCTTGAAGAAAAATGAGGAGCCTTTCATCGCCCTTTAGGACTAAGCGTC
 CCGTCTGACGTGGAGCTGCCACCAACAGCCAAAATGCATGCCATCATCGAGCGCACAGCCAACTTCGTAT
 GCAAGCAGGGAGCACAGTTCGAGATCATGCTGAAGGCCAAGCAAGCACGGAACTCACAGTTCGACTTCT
 GCGTTTTGATCACTACCTCAACCCTACTACAAGTTCATCCAGAAAGCCATGAAGGAAGGACGGTACACG
 GTGCTAGCTGAGAGCAAGAGCGAGGAGAAGAAAAAGTCTGGGCCAACCTCCGACAATGAAGAGGAAGATG
 ATGAGGAAGATGGGAGTTACCTGCACCCGTCCTCTTTGCTTCCAAGAAGAGCAGCCGCCTGGAAGAGCT
 GATGAAGCCCTTGAAGGTGGTAGACCCGGATCACCTCTAGCAGCCCTTGTCCGAAAGCACAGGCTGAC
 AGCTCAGCCCCGGCCCCACCCACTGCAGATGGCACTCCTGCTCAGCCCTCCAGGTGGAGTACACGGCAG
 ACTCAACCGTGGCAGCCATGTACTACAGCTACTACATGCTGCCAGATGGCACCTACTGCCTGGCACCACC
 CCCACCCGGGATCGATGTGGTACTTACTACAGCACCTTCTGCTGGGGTGACTGTGTCCAGCTCACCT
 GGTGTGACCACGACTGTACCACCACCTCCTGGGACCACACCTCCTCCACCCCAACCACAGCTGAGTCAA
 GCAGCGGGGTTACCTCCACAACCACCACCAAGTGCCTTGCTCCCGTGGCCATCATACCCCGCCCCC
 TGACATCCAGCCTGTGATTGACAAGCTGGCAGAGTACGTCGCCAGAAACGGCCTTAAATTTGAGACCAGT
 GTTCGAGCCAAGAACGATCAGAGATTTGAATTCCTTCAACCCTGGCACCAGTACAACGCCTACTACGAGT
 TTAAGAAGCAGTTCTTCTGAGAAGGAAGGAGCGGTAGCACACAGGCAGCATCAACGCCTGAAGAGGC
 TCCACAGAAACCGCTGTTGAAGAGTCAAGTGAAGCTGGAGAGGACGGCGCTCCTGAGGCTCTTTTGTCT
 CCAATAAGCTTTGCCATCAAAGCCAAAGAAAAATGACCTACTTCCCTGGAAAAAACCGCGTCAAGCTGG
 ACGATGATAGTGAGGAAGATGAGGAAAGCAGGGAGTGCCAGGAAAGCACAAGCAGTGTGGCAACCCAG
 CCCAGCCGAGCCCTCCTCTGCAGTGGTGGAGGAGAAGAAACCGCAGCTTACCCAAGAGGAGCTCGAA
 GCTAAGCAAGCAAAAAGCTGGAGGACCGCTTGCTGCTGCCGCCGGGAAAAGCTAGCTCAGGCGT
 CCAAGGAGTCGAAGGAGAAGCAGCTTCAAGCTGAACGGAAGAGGAAAGCTGCTTTGTTTCTGCAGACCTT
 AAAAAACCTCTTCCAGATGCAGAAGTTGAAAACTTGAGGAGAGCACTTTCGGAGTTGAGGAACTGGT
 GTCATGCCCTGTCTCTGCTGGTTGGAGGTAGAACCCTGCCATGTTGGAAGGGAAGCCTCCAGAAAGGC
 TTCAAGTAGATGCAGAGACCCACCAAGAGAAGAAGAAAGAGAGAAGAAGAAGAAGCACAAAAACG
 GTCTCGAACGAGGTCCCGCTCCCCAAGTACCCTCGTCTTCAAGCCAGGTCTAGATCCCACTCAAAA
 GCAAAGCACTCCCTGCCAGTGCCTACCGGACAGTGCAGCGGTGAGGTCACGGTCTCGGTCCCCAAGAA
 GGAGAGCTCACTCTCCAGAGAGACGACGGGAAGACAGGAGTGTCCCCACAGCCTACCGGATGAGCGGCAG
 CCCTGGAGTCAGCAGGAAACGGACCCGTTCCAGAAGTCCCATGAGAAGAAGAAGAAACGGCGCTCACGC
 TCTCGACCAAGGCCAAGGCCGGTGCAGTCACTTCCCGAGTAAACAGGCAGCACAGCGTCCCTCGG
 CCCACTCAGCCACTCGGCCAGCATCTCTCTGTGGAGAGCCAGGTTCTCCAGGAACGATCCAGGGG
 GGTTTCTCAGGAAAAAGATGGCCAGATCTCCTCAGCAATCGTCTCCTCTGTGCAGAGCAAAATAACTCAG
 GATCTCATGGCCAAAGTAAGAGCAATGCTCGCAGCTTCAAAAAACCTGCAGACCAGCGCGCTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001034924
Insert Size: 2376 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).
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:	<u>NM_001034924.1</u> , <u>NP_001030096.1</u>
RefSeq Size:	3155 bp
RefSeq ORF:	2376 bp
Locus ID:	304431
Cytogenetics:	12q13
Gene Summary:	Plays a role as an alternative splicing regulator. Regulate its own expression at the level of RNA processing. Also regulates the splicing of fibronectin and CD45 genes. May act, at least in part, by interaction with other R/S-containing splicing factors (By similarity). Represses the splicing of MAPT/Tau exon 10.[UniProtKB/Swiss-Prot Function]