

Product datasheet for **MC222807**

Sfswap (NM_172276) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfswap (NM_172276) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sfswap
Synonyms:	1190005N23Rik; 6330437E22Rik; A1197402; AW212079; Sfrs8; Srsf8; SWAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222807 representing NM_172276
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTACGGTGCCGCGGGGGCCGTGCCAAGCCGGAGAGGAAAGGCGGAGTGAAGGAGGAGGCCGGGCCGG
 GCGGCACCGCACTGGGGCAACCGGGTGGAGCTTCTGGTTTTTCGGCTATGCCTGCAAGTTGTTCCGCGA
 CGACGAGCGGGCTTTGGCCAGGAACAGGGACAGCACCTCATCCCTGGATGGGGACCCCAAGATCCTC
 ATCGACAGATACGACGGGCGTGGTCACTGCATGACCTCTCTGCGTACGATGCTGAGTACGCCACGTGGA
 ACCGAGACTACCAGTGTCTGAAGAGGAGGCTCGGGTAGAGGCGTGTGTGATGAAGAGAGGTATTTAGC
 CTTGCATACGGACTTGCTTGAGGAGGAGGCAAGGCAAGAGGAAGAATACAAAAGATTGAGTGAAGCGCTG
 GCGGAGGATGGAACTACAGTCCGTAGGGTTCACCTACGGCAGCGACTATTATGACCCGTGAGAGCCCA
 CGGAAGAGGAGGAGCCTTCAAGCAGAGAGAAAAAATGAGGCTGAAAATTGGAAGAAAATGAAGAACC
 TTTTCATCGCCCTTTAGGATTAAGCGTCCCGTCTGATGTGGAGCTGCCACCAACAGCCAAAATGCATGCC
 ATCATTGAGCGCACAGCCAACTTCGTATGCAAGCAGGGAGCACAGTTCGAGATCATGCTGAAGGCCAAGC
 AAGCTCGAAACTCACAGTTCGACTTCTACGGTTTGATCACTACCTCAACCCCTACTATAAATTCATCCA
 GAAAGCCATGAAAGAAGGACGGTACACGGTGTAGCTGAGAGCAAGAACGAGGAGAAGAAAAAGTCTGGG
 CCAACCTCTGACAACGAAGGAAGATGATGAGGAAGATGGGAGTTACCTGCACCCGTCTCTCTTTGCTT
 CCAAGAAGAGCAGCCGCTGGAAGAGCTGATGAAGCCCTGAAGTGGTGGACCCGGATCACCCCTAGC
 AGCCCTTGTCCGAAAGCACAAGCTGACAGCTCAGCTCCAGCCCCACCCACTGCAGATGGCACACCTGCT
 CAGCCCTCCAGGTGGAGTACACGGCAGACTCAACTGTGGCAGCCATGTACTACAGTACTACATGTTGC
 CAGATGTTACTACTGCCTGGCACCACCCCACTGGGATCGATGTGGCCACTTACTACAGACACCTTCC
 TGCTGGAGTGACTGTGTCCAGTCACTGGTGTGACTACCACTGTACCACCGCCTCTGGGACCACACT
 CCTCCACCCCAACACAGCTGAACCAAGCAGCGGGTTACCTCCACAACCACCACCACAAGTGCCTTG
 CTCCCGTGGCCATCATACCCCGCCCCCGACATCCAGCCTGTGATTGACAAGCTGGCAGAGTACGTCGC
 TAGAAACGGCCTTAAATTTGAGACCAGTGTTCGAGCCAAGAACGATCAAAGATTTGAATTTCTCAGCCC
 TGGCACCAGTACAACGCCTACTACGAGTTTAAAGAGCAGTTCTTCTGCAGAAAGAAGGAGGCGGTAGCA
 CACAGGCAGCATCAACAGCTGAAGAGGCTCCACAGAAACCGCTGTTGAAGAGTCGGGTGAAGCTGGAGA
 GGACGGCGCTCCTGAGGGTATGGCAGAGACTGGGGGAAGAGGCAGCGGGAAGAAGGAGGCTGGTCCAGC
 AAGAGCACCGTGGACGGGAAGCTGGTAAAAGCTTCTTTTGTCCAATAAGCTTTGCCATCAAAGCCAAAG
 AAAATGACCTCCTTCCCTTGGAGAAAAACCGTGTCAAGCTGGACGATGACAGTGAAGAGGATGAAGAAAG
 CAGGGAGTGCCAGGAAAGCACAAGCAGCGTGGCCAACCCAGCCCTGCTGCCGCCCGCCCTCCGTGGCT
 GTAGAGGAGAAGAAACCACAGCTTACCCAGGAGGAGCTGGAAGCCAAGCAAGCAAAAACAAAAGCTGGAGG
 ACCGCCTTGTGCTGCTGCCCGGAAAAGCTAGCCAGGCGTCCAAGGAATCAAAGGAGAAGCAGCTTCA
 GGCTGAACGTAAGGAAAGCAGCGTTGTTCTTACAACTTAAAAATCCTCTTCCAGAAGCAGAAGTT
 GGAAAACCTTGAGGAGAGTACTTTTCGGGGTTGAGGACACTGGTGTGATGCCCTGTCTCTGCTGGTTGGT
 GTAGAACTCTGCCATATTGGAAGGGAAGCCTCCAGAAAGCCTTCAAACAGATGCAGAGATCCACCAAG
 AGAAGAAGAAAGAGAGAAAAAGAAGAAGCACAACAAAACGGTCTCGGACAAGTCCCGCTCTCCCAAG
 TACCCTCGTCTTCCAAGCCAGGTCTAGATCCCACTCAAAGCAAGCACTCCCTGCCAGTGCCTACC
 GGACAGTGCGGGCGTCAAGGTACGCTCTCGGTCCCAAGAGGAGAGCTCACTCTCTGAGAGACGGCG
 GGAAGAAAGGAGTGTCCCTACAGCTACCGGATGAGCGGCAGCCCTGGGGTCCAGCAGGAAAAGGACCCGT
 TCCAGAAGTCCCCAGAGAAGAAGAAGAAACGGCGCTCACGGTCTCGCACCAAGCAAGGCCCGGTGCG
 AGTCAACATCCCCGAGTAAACAGGCCGACAGCGTCCCTCGGCCACTCAGCCACTCGGCCAGCATCTC
 TCCTGTGGAGAGCCGAGTTCTCCAGGAACGCTCCAGGGGGTTTCTCAGGAAAAGATGGCCAGATC
 TCCTCAGCAATCGTCTCTCTGTGCAGAGCAAAATAACTCAGGATCTCATGGCCAAAGTAAGAGCAATGC
 TCGCAGCTTCAAAAACCTGCAAAACAGTGCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_172276
Insert Size:	2838 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_172276.3</u> , <u>NP_758480.2</u>
RefSeq Size:	3319 bp
RefSeq ORF:	2838 bp
Locus ID:	231769
UniProt ID:	<u>Q3USH5</u>
Cytogenetics:	5 G1.3
Gene Summary:	<p>Plays a role as an alternative splicing regulator. Regulates 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. Represses the splicing of MAPT/Tau exon 10 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>