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Product datasheet for MC207894

Srsf7 (NM_146083) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srsf7 (NM_146083) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Srsf7
Synonyms:	9G8; 35kDa; 9430065L19Rik; NX-9; NX-96; Sf; Sfrs7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207894 representing NM_146083 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCACGCTACGGGCGGTATGGAGGAGAAACCAAGGTATATGTTGGTAACCTGGGAACTGGTGCTGGTA AAGGAGAGTTAGAAAGGGCATTCAGTTACTATGGGCCCTTAAGAACTGTGTGGATTGCCAGAAATCCTCC AGGATTCGCCTTTGTGGAATTTGAAGACCCTAGAGATGCAGAGGATGCAGTTCGAGGATTGGATGGGAAA GTGATTTGTGGTTCTCGAGTGAGGGTTGAACTATCAACAGGCATGCCTCGGAGATCTCGTTTTGATAGGC CACCTGCCCGTCGTCCCTTTGATCCTAATGATAGATGCTATGAGTGTGGTGAAAAGGGACATTATGCTTA TGACTGTCATCGCTATAGCCGACGAAGAAGAAGCAGGTCACGATCTAGATCCCATTCCCGATCCAGGGGA AGGCGATACTCTCGCTCCCGCAGCAGGAGCCGAGGACGGAGGTCAAGATCAGCATCTCCTCGCCGATCAA GGTCTGTGTCTCTTCGTAGATCAAGATCAGCTTCACTCAGAAGATCTAGGTCTGGTTCTATAATAGGATC GAGGTATTTCCAATCCCGCTCAAGGTCGAGATCAAGATCCAGGTCTATTTCACGACCAAGAAGCAGCCGA TCAAAATCCAGATCTCCATCTCCTAAAAGAAGTCGTTCCCCATCAGGAAGTCCACACAGAAGTGCAAGTC CAGAAAGAATGGACTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_146083
Insert Size:	717 bp

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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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_146083.2, NP_666195.1
RefSeq Size:	2301 bp
RefSeq ORF:	717 bp
Locus ID:	225027
UniProt ID:	Q8BL97
Cytogenetics:	17 E3
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. Five transcript variants, four of them protein-coding and the other not protein-coding, have been found for this gene. [provided by RefSeq, Sep 2010] Transcript Variant: This variant (1) encodes the longest isoform (1).