

Product datasheet for **MC220253**

Clasrp (NM_016680) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clasrp (NM_016680) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clasrp
Synonyms:	Clasp; Sfr; Sfrs16; Srs; Srsf16; SW; Swap2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220253 representing NM_016680
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGCAGGAGCTCGGAAGCATGAGCGGAACTTCGAGGCATGATGGTGGACTACAAGAAGAGGGCGG
 AGCGGCGTCGGGAGTACTATGAGAAGATTAAGAAAGACCCCGCTCAGTTCCTGCAGGTGCATGGCCGAGC
 CTGCAAGGTTACCTGGATTCTGCAAGTTCGCCCTGGCTGCTGAGAGCCCTGTGAACATGATGCCCTGGCAG
 GGGGACACCAACAACATGATTGACCGCTTTGATGTTCTGTCACATCTAGACCACATCCCTGACTACACCC
 CCCCCTGCTCACCACCATCTCCCCGGAACAGGAGTCAAGCAGCGGAAATGTAACACGAGCGGTACAG
 AGGCTGGTGCAGAACGACTTCGCCGGCATCTCTGAGGAACAGTCTGTATCAGATCTACATTGATGAG
 CTGTACGGAGGCTGCAGAGACCCAGCGAGGATGAGAAGAAGAAGCTGGCAGAGAAGAAGGCTTCCATCG
 GCTACACCTATGAAGATAGTACTGTGGCCGAGGTAGAGAAGGTGGCTGAGAAGCCAGAGGAGGAAGAGTC
 ACCAGCAGAGGAGGAGCAACTCGGATGAAGATGAGGTCACTCCCGACATCGACGTGGAGGTGGATGTG
 GATGAGCTGAACAGGAGCAGGTGGCTGATCTCAATAAGCAGGCCACAACCTACGGCATGGCTGATGGAG
 ACTTTGTGAGGATGCTACGGAAGATAAGGAGGAGGCAGAGGCCATCAAACATGCCAAAGCCCTGGAGGA
 GGAGAAAGCCATGTAAGCGGCGTTCCTCCCGGCGACAGCGAAGAGAGTTCCGGGAGAAGCGGCTGAGA
 GGCCGCAAGATCAGCCCTCCAGTTATGCCCGCGAGACAGCCACCTATGACCCTATAAGCGGTACAC
 CTTTCAAGTCTAGTTCGAGTCCCGCTCCCGCTCTCGCTCCCGAGCCAGGCGCGAGGAAAAAATCAC
 TTTTATCACCAGTTTGGAGGCAGCGACGAGGAGGAGGAGTGTGTCAGTGTGTCAGCCCGCATCCGGG
 GCTGCCCGAGGAAAGCCCTGCGCTCCCAACGGGTGGCCCGCTCCAGGCCGTAATGCCAGCACCC
 GCCCGCTCCTCTTCTCGTCTCCGCTCCAGGACCTCCAGTCCCGATCCAGTTCGCGCTCCAGTTCGCG
 CTCCCGCGTGGCTATTACCGCTCTGGCCGCCACGCACGCTCCCGCTCCCGCTCCTGGTCCCGCTCACGC
 TCCCGTTCGCGGCTACTCACGCTCCCGCAGCCGCGGACGCGGCACTCAGACGCGGTTCCCGGACG
 GACACCGTACTCACGCTCCCTGCCCGCGCGGCGGTAAGTGCCTCCCGCAAGGAGCAGGAGCCGCTC
 CCGTTCAGGTGACCGCTATAAGCGGGTGGCCGGGCCCCAGGCACCATAGCAGCAGTATAGCCGACG
 AGCTGGTCCCTCAGCCCTCCCGAAGCCGAGTGTGACCCGAGCGGAAGCCGACCCAGAGCCGGAGCC
 GAAGCCGAGCCAGGCCACAGCCAGAGCCAGAGTCACTACCATCGCCCCAAGGAGAGGAGTACCCAG
 GCCGCGAGCTCCCTGCTGTGGGCGAGAAGCTGAAAAAGACCGAGCCTGCCGCTGGTAAAGAGACAGGA
 GCTGCCAAACCAAGCTGACCCACAGGAGAGGCTGAAGTTCGGATGCAGAAGGCTCTGAACCGCCAGT
 TCAAGGCGGATAAGAAGGCAGCTCAGGAGAAGATGATCCAGCAGGAGCATGAGCGCAGGAGCGAGAGGA
 TGAAGTGCAGCCATGGCCCGAAAGATCCGAATGAAGGAGCGAGAGCGGAGAGAGAGAGAGAGAA
 TGGGAACGCCAATATAGCCGCCAGAGCCGCTCGCCCTCCCGACGCTACAGTTCGAGAGTACAGTTCCTCC
 GAAGGCGCTCAAGGTCCAGGTCCCGAAGCCCCATTACAGACAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_016680
- Insert Size:** 2007 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:

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_016680.5](#), [NP_057889.3](#)

RefSeq Size: 2207 bp

RefSeq ORF: 2007 bp

Locus ID: 53609

UniProt ID: [Q8CFC7](#)

Cytogenetics: 7 A3

Gene Summary: The protein encoded by this gene contains serine/arginine (SR) dipeptide repeat domains, and is thought to be involved in the regulation of alternative splicing. This protein is thought to interact with, and be phosphorylated by, Clk4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014]
Transcript Variant: This variant (L, PMID:12169693) represents the shortest transcript and encodes the protein.