

Product datasheet for **MC209605**

Zrsr1 (NM_011663) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zrsr1 (NM_011663) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zrsr1
Synonyms:	D11Ncvs75; Irlgs2; SP2; U2af1-rs1; U2afbp-rs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC209605 representing NM_011663
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCACGGCAGACCGGATTCTCTGAGAACTCAGCCGAAAACAATACAAGCGGCAATGAAGAAGG
 AGAAACGCAAGAAACGTGCGCAGAAAATGGCTCGGCTGAGAGCTCTGGAAGCCCCACCAGAGGAGGACGA
 TGATGTTTCTGCTAACGAAGAATTGCAGAGCGATTACTGGAGATAGAGCGGCAAAGATTACATGAAGAG
 TGGCTGCTGAGGGAGGAGAAGGCGCAAGAAGAATTAGAATAAAGAAGAAAAAGGAGGCGCTAGAA
 AACAGAAGGAAGAACAGGAGAGACAAAATAAGGCCGAGTGGGAAGAACAACAGAAAAACAGAGAGAGGA
 GGAGGAGCAGAAGCTACAGGAGAAGAGAGAGGGAGGAAGCGGTGCAGAAAATGCTGGACCAGGCTGAA
 AATGAGCGCATTGGCAGAACC CGAACCCCAAGGATTTAAGGCTGGAGAAAATCGACCCAGTTGTC
 CCTTCTACAATAAACCGGAGCGTGCAGATTTGGTAACAGATGTTACGGAAACACGACTTCCCACGTC
 AAGTCCCACCCTTCTTGTGAAGAGTATGTTTACAACGTTTGAATGGAGCAGTGCAGAAGGGATGACTAT
 GACTCAGACGCAAACCTGGAGTACAGTGAAGGAGGAGACCTACCAGCAGTTCTGGATTTCTACCATGACG
 TGCTGCCGGGATTCAAGAACGTGGGAAAGGTGATTTCAGTTCAAAGTAAGCTGCAACCTGGAACTCATCT
 GCGGGGCAATGTGTATGTTCAAGTACCAGTCCGGAAGAAGAATGCCAAGCAGCCCTCTCTCTTTAATGGA
 AGATGGTACGCAGGACGACAGCTCCAGTGTGAATTCTGTCCAGTGACCCGGTGGAAAGTTGCAATTTGTG
 GTTTATTCGAAATGCAAAAGTGTCCAAAAGGAAAGCACTGCAACTTCCTTCATGTGTTGAGAAATCCCAA
 CAACGAATTTAGAGAAGCTAACAGAGACATCTACATGTCTCCTCCGGCTTGGACTGGCTCCTCTGGTAAA
 AACTCAGACAGGAGGAAAGGAAGGACCATCATGAGGAATACTATAGCAAGTCAAGAAGCTACCACTCTG
 GTTCATACCACTCCTCCAAGAGAAACAGGGAGTCCGAGAGGAAGAGTCTCACAGGTGGAAGAAATCTCA
 CAAACAGACAACGAAGAGTCATGAGAGCCACAGTTCAAGAAGAGGAAGAGAAGAGGACAGCAGTCCAGGT
 CCACAAAGCCAGAGCCACAGAACC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_011663

Insert Size: 1287 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_011663.3](#), [NP_035793.1](#)

RefSeq Size: 4492 bp

RefSeq ORF: 1287 bp

Locus ID: 22183

UniProt ID: [Q64707](#)

Cytogenetics: 11 14.24 cM

Gene Summary: Plays a role in splicing of the U12-type introns (PubMed:29617656). Implicated also in removal of U2 introns positioned adjacent to a U12 intron (PubMed:29617656).
[UniProtKB/Swiss-Prot Function]