

Product datasheet for SC313664

ZRSR2 (NM_005089) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZRSR2 (NM_005089) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZRSR2
Synonyms:	U2AF1-RS2; U2AF1L2; U2AF1RS2; URP; ZC3H22
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_005089 edited

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ATGGCTGCGCCCGAGAAGATGACGTTTCCCGAGAAACCAAGCCACAAAAAGTACAGGGCC
GCCCTGAAGAAGGAGAAACGAAAGAAACGTCGGCAGGAACCTTGCTCGACTGAGAGACTCA
GGACTCTCACAGAAGGAGGAAGAGGAGGACACTTTTATTGAAGAACAACAACCTAGAAGAA
GAGAAGCTATTGGAAAGAGAGAGGCAAAAGATTACATGAGGAGTGGTTGCTAAGAGAGCAG
AAGGCACAAGAAGAATTCAAGATAAAGAAGGAAAAGGAAGAGGCGCTAAAAACGGCAA
GAAGAACAAGAGAGAAAGTTAAAGGAACAATGGGAAGAAGCAGCAGAGGAAAGAGAGAGAA
GAGGAGGAGCAGAAACGACAGGAGAAGAAAGAAAAAGAGGAAGCTTTGCAGAAGATGCTG
GATCAGGCTGAAAATGAGTTGAAAATGGTACCACATGGCAAAACCCAGAACCCCGTG
GATTTTCAGAGTAATGGAGAAGGATCGAGCTAATTGTCCCTTCTACAGTAAACAGGAGCT
TGCAGATTTGGAGATAGATGTTACGTAACATAATTTCCAACATCCAGTCCTACCTT
CTTATTAAGAGCATGTTTACGACGTTTGAATGGAGCAGTGCAGGAGGGATGACTATGAC
CCTGACGCAAGCCTGGAGTACAGCGAGGAAGAAACCTACCAACAGTTCCTAGACTTCTAT
GAGGATGTGTTGCCCCGAGTTCAAGAACGTGGGGAAGTGATTCAAGGTCAGCTGC
AATTTGGAACCTCACCTGAGGGGCAATGTATATGTTTCAGTACCAGTCGGAAGAAGATGC
CAAGCAGCCCTTTCTCTGTTTAACGGACGATGGTATGCAGGACGACAGCTGCAGTGTGAA
TTCTGCCCCGTGACCCGGTGGAAAATGGCGATTGTGGTTTATTTGAAATACAACAATGT
CCAAGAGGAAAGCACTGCAACTTTCTTCATGTGTTTCAGAAATCCCAACAATGAATTCGG
GAAGCTAATAGAGACATCTACTTGTCTCCAGATCGGACTGGCTCCTCTTTGGGAAGAAC
TCCGAAAGGAGGAGAGGATGGGCCACACGACGACTACTACAGCAGGCTGCGGGGAAGG
AGAAACCCTAGTCCAGACCACTCTACAAAAGAAATGGGGAATCCGAGAGGAAAAGTAGT
CGTCACAGGGGGAAGAAATCTCACAACGCACATCAAAGAGTCGGGAGAGGCACAATTCA
CGAAGCAGAGGAAGAAATAGGGACCGCAGCAGGACCGCAGCCGGGGCCGGGCAGCCGG
AGCCGGAGCCGGAGCCGGAGCCGAGGAGCCGCGCAGCCGGAGCCAAAGTTCTCTAGG
TCCCGAAGTCGTGGCAGGAGGAGTCCGGTAATAGAGACAGAAGTTCAGAGTCCCAAA
TCCAAATAA
  
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Restriction Sites:	NotI-NotI
ACCN:	NM_005089
Insert Size:	1400 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_005089.1.
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:	<u>NM_005089.1, NP_005080.1</u>
RefSeq Size:	1488 bp
RefSeq ORF:	1449 bp
Locus ID:	8233
UniProt ID:	<u>Q15696</u>
Cytogenetics:	Xp22.2
Domains:	RRM, zf-CCCH, RRM_1
Gene Summary:	This gene encodes an essential splicing factor. The encoded protein associates with the U2 auxiliary factor heterodimer, which is required for the recognition of a functional 3' splice site in pre-mRNA splicing, and may play a role in network interactions during spliceosome assembly. [provided by RefSeq, Jul 2008]