

## Product datasheet for **SC320473**

### ESRP2 (NM\_024939) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ESRP2 (NM_024939) Human Untagged Clone
Tag:	Tag Free
Symbol:	ESRP2
Synonyms:	RBM35B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_024939.2  
GGCACGAGGCTCTGCGGCCATGACTCCGCCGCCGCCGCCGCCCTCCCCGGGCCCTGA  
CCCCGCGCCGACCCCGCGCGGACCCCTGCCCTGGCCGGATCACTGGTCGTCCTCTT  
CGGGGCTACGGCGGGTGCCTGGGACGGGACCTGGGCTCGGACGAGACCGACTTAATCCT  
CCTAGTTTGGCAAGTGGTTGAGCCGCGGAGCCAGGTGGGACGCTGCACAAATCGCT  
GGTTCGTGCCGAGGCGGCCACTGAGTACGCAGTGCCGCGAGGCGAGCGGCCTGAGCGC  
CGACAGCTGGCGCGGCAGAGCCGCTGGACAAGGTGCTGCAGCAGTTCTCACAGCTGGT  
GAACGGGATGTGGCTTTGCTGGCGGGGGCCCTACATGCTCTGCACTGATGGCGAGCA  
GCTATTGCAGAGTCTGCACCCGAGGCCTCCAGGAAGAACCTGGTGTCCCCGACAT  
GTTCTTCTCTTCTATGACCTCCGAAGAGAATTCCATATGCAGCATCCAAGCACCTGCC  
TGCCAGGGACCTCACTGTGGCCACCATGGCACAGGGTTTAGGACTGGAGACAGATGCCAC  
AGAGGATGACTTTGGGGTCTGGGAAGTCAAGACAATGGTAGCTGTATCCTCCATCTACT  
CAAAGAGCCCAGCAGTCAATTGTTTTCGAAGCCCGAGGTGATAAAGCAGAAATACGAGAC  
GGGCTTGCAGCAAGGCTGATGTGGTGGACAGTGAGACTGTGGTACGGGCTCGTGGGT  
GCCGTGGCAGTCAACAGACCAGGACGTGGCTCGCTTCTCAAAGGGCTCAACGTGGCCAG  
GGGTGGTGTAGCACTCTGCCTCAACGCCAGGGCCGAGAAATGGCGAGGCCCTCATCCG  
CTTTGTGGACAGCGAGCAGCGGGACCTAGCGCTGCAGAGACACAAGCACCATGGGCGT  
CCGCTATATTGAGGTGTATAAAGCGACAGGGGAGGAGTTTGTAAAGATTGCAGGGGGCAC  
ATCACTAGAGGTGGCTCGTTTCTTGTACGGGAAGACCAAGTGATCCTGCGGCTGCGGGG  
ACTGCCCTTCTCGCTGGGCCAACGGACGTGCTTGGCTTCTGGGGCCAGAGTGCCCACT  
GACTGGGGGTACCGAGGGGCTGCTCTTTGTGCGCCATCCTGATGGCCGGCCGACTGGTGA  
TGCCTTGCCTCTTTGCTTGTGAGGAGCTGGCACAGGCTGCACTGCGCAGGCACAAGGG  
CATGCTGGGTAAGCGATACATTGAACCTTCCGGAGCACTGCAGCCGAAGTGCAGCAGGT  
CTTGAACCGCTATGCATCCGGCCACTCCTTCTACACTGACTGCCCCACTGCTGCCAT  
CCCCTTCCACTGGCACCTGGGACTGGGAGGGACTGTGTACGCTCCGAGGCCTGCCCTA  
CACGGCCACCATTGAAGACATCCTGAGCTTTCTGGGGAGGCAGCAGCTGACATTCGGCC  
CCACGGGTACACATGGTGTCAACCAGCAGGGCCGCCATCGGGCGATGCCTTCATTCA



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GATGACATCAGCAGAGCGAGCCCTAGCTGCTGCTCAGCGTTGCCATAAGAAGGTGATGAA  
 GGAGCGCTACGTGGAGGTGGTCCCCTGTTCCACAGAGGAGATGAGCCGAGTGCTGATGGG  
 GGGCACCTTGGGCCGAGTGGCATGTCCCCTCCACCCTGCAAGCTGCCCTGCCTCTCACC  
 ACCTACCTACACCACCTTCCAAGCCACCCCAACGCTCATTCCCACGGAGACGGCAGCTCT  
 ATACCCCTCTTCAGCACTGCTCCCAGCTGCCAGGGTGCCTGCTGCCCCCACCCTGTTGC  
 CTTACTATCCAGGGCCAGCCACTCAACTTACCTGAACCTACACAGCCTACTACCCAAGCCC  
 CCCAGTCTCCCCACCACCTGTGGGCTACCTCACTACACCCTGCTGCCCTGGCCTCTGC  
 TCCCACCTCAGTGTGTCCCAGTCAGGAGCCTTGGTCCGCATGCAGGGTGTCCCATACAC  
 GGCTGGTATGAAGGATCTGCTCAGCGTCTTCCAGGCTACCAGCTACCCGCTGATGACTA  
 CACCAGTCTGATGCCTGTTGGTGACCCACCTCGCACTGTGTTACAAGCCCCAAGGAATG  
 GGTGTGTTTGTAGGAGAGAAAGCCAGGAGGTAAGAGCCAGCTGATATCCTCGGCGAACAT  
 GTCTCTCCTGAGTCCAGAAGACCAGCACCTCAACCTGGTAGTCTCTTTCTGGCTTGCA  
 AAGCTCTCAGAAGGTACCTAGAGGAGCCCAAGCCCCAGCTCCATCCTCCACTTATTCTGC  
 CTGTTTCCCCCAAAGACAATGGCTGGACCCTGCATGCAGGGCTGGGGTGAATGGGGCT  
 AACCAGTCTGATGGCCTGAGCCAGGCATCTTGACTGGCACCTGGAGAGCCCTTAAGTC  
 TGTCTGCTGTGGCCATGCCGACAGATATCGTGGGGCTGACAGGTCCACGGCAGGCTT  
 GCTTTCTTTTATAAAATGGAAGCTCTGGTACCTTCAATGTATGACTCCTGGGAGAATCAA  
 GGGTCCATCTGAGCCTCTGAGTAAAGATCCCAATGTTCTACCTCTCCCTGTCCCTTGT  
 AGGGGATAGGGAGGCAGAGAGAGCCAGCCCTACCTCAGAGTATCTGGACCTCAGAGAC  
 CATGTTGTGCCAGGGTGGTCCCACCTAAAGATGCTAGCCCTCTCCAGGTGGGCATAAG  
 GAGTAACAGATGGCAAACACAAACTATTTTGTGGACTGTGCTGCAGTATCACCAGAA  
 GACATTAGGGGGCAGTAGGCCCCACACAAAACCTTCAAGCTTGAATTTTAAAGGGGAGG  
 ACTTTTGCCAACTTTTCTGTATGCCTTGGGAAAGCCAGTTGCCCTGAACCCAGCAGAC  
 ACCATGGAATGTCTTTGCACGATTAATGGTACAGAAGTGAAGCCTCGGAAGCAATTT  
 GGAACCTGATCTTCTCTTCTTAAATGAAAAGTTATTGACCAAATGGACTTTTTAAAAGA  
 CACAGGACCTTAACTTTGCCCAAAGTGAAGGGCTCCACACCAACCCAGGCGGAGGAA  
 CACTCAGACAGATTAAGGATACTGTTGACCTGTCACTGTTTATTATTTCACTAAAAC  
 TGAGGAGCCTCAACTGCTGGCTCTTCTCCCTTGTATTTGTGTAAGGAGCACTGCACCTC  
 CCATAAAAGGTTTTAAAATACAAAATGTACAAGAACACAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM\_024939
- 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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\\_024939.2](#), [NP\\_079215.2](#)

**RefSeq Size:** 4021 bp

**RefSeq ORF:** 2154 bp

**Locus ID:** 80004

**UniProt ID:** [Q9H6T0](#)

**Cytogenetics:** 16q22.1

**Gene Summary:** ESRP2 is an epithelial cell-type-specific splicing regulator (Warzecha et al., 2009 [PubMed 19285943]).[supplied by OMIM, Aug 2009]