

## Product datasheet for **SC122388**

### ESRP2 (BC030146) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ESRP2 (BC030146) Human Untagged Clone
Tag:	Tag Free
Symbol:	ESRP2
Synonyms:	RBM35B
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for BC030146 edited  
 CTCTGCGGCCATGACTCCGCCGCCGCCGCCCTCCCGGGCCCTGACCCCGCGG  
 CGACCCCGCGCGGACCCCTGCCCTGGCCCGGATCACTGGTCGTCTCTCGGGCTAC  
 GCGGGTGCCTGGGACGGGACCTGGGCTCGGACGAGACCGACTTAATCCTCCTAGTTTG  
 GCAAGTGGTTGAGCCGCGGAGCCGCCAGGTGGGACGCTGCACAAATCGTGGTTCGTGC  
 CGAGGCGGCCGACTGAGTACGCAGTGCCTGCGAGGCGAGCGGCCTGAGCGCCGACAGCCT  
 GGCGGGGAGAGCCGCTGGACAAGGTGCTGCAGCAGTTCTCACAGCTGGTGAACGGGGA  
 TGTGGCTTTGCTGGGCGGGGCCCTACATGCTCTGCACTGATGGGCAGCAGCTATTGCG  
 ACAGGTCCTGCACCCGAGGCCTCCAGGAAGAACCTGGTGTCTCCCGACATGTTCTTCTC  
 CTTCTATGACCTCGAAGAGAATTCATATGCAGCATCCAAGCACCTGCCCTGCCAGGGA  
 CCTCACTGTGGCCACCATGGCACAGGGTTTAGGACTGGAGACAGATGCCACAGAGGATGA  
 CTTTGGGGTCTGGGAAGTCAAGACAATGGTAGCTTATCCTCCATCTACTCAAAGAGCC  
 CAGCAGTCAATTGTTTTCGAAGCCCGAGGTGATAAAGCAGAAATACGAGACGGGGCCTTG  
 CAGCAAGGCTGATGTGGTGGACAGTGTGACTGTGGTACGGGCTCGTGGGTTGCCGTGGCA  
 GTCATCAGACCAGGACGTGGCTCGCTTCTTCAAAGGGCTCAACGTGGCCAGGGGTGGTGT  
 AGCACTCTGCCTCAACGCCAGGGCCGAGAAATGGCGAGGCCCTCATCCGCTTTGTGGA  
 CAGCGAGCAGCGGGACCTAGCGCTGCAGAGACACAAGCACCACATGGGCGTCCGCTATAT  
 TGAGGTGTATAAAGCGACAGGGGAGGAGTTTGTAAAGATTGCAGGGGGACATCACTAGA  
 GGTGGCTCGTTTCTGTACGCGGAAGACCAAGTATCCTGCGGCTGCGGGGACTGCCCTT  
 CTGCGGCTGGGCCAACGGACGTGCTTGGCTTCTGGGGCCAGAGTGCCAGTACTGGGGG  
 TACCGAGGGGCTGCTCTTTGTGCGCCATCCTGATGGCCGCGGACTGGTGTGCCTTCGC  
 CCTCTTTGCTTGTGAGGAGCTGGCACAGGCTGCACTGCGCAGGCACAAGGGCATGCTGGG  
 TAAGCGATACATTGAACTCTCCGGAGCACTGCAGCCGAAGTGCAGCAGGTCTTGAACCG  
 CTATGCATCCGGCCACTCCTTCTACACTGACTGCCCACTGCTGCCCATCCCCTTCCC  
 ACTGGCACCTGGGACTGGGAGGGACTGTGTACGCTCCGAGGCCCTGCCCTACACGGCCAC  
 CATTGAAGACATCCTGAGCTTTCTGGGGAGGCAGCAGCTGACATTCGGCCCCACGGTGT  
 ACACATGGTGCTCAACCAGCAGGGCCGCCATCGGGCGATGCCTTCAATCAGATGACATC



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AGCAGAGCGAGCCCTAGCTGCTGCTCAGCGTTGCCATAAGAAGGTGATGAAGGAGCGCTA  
 CGTGGAGGTGGTCCCCTGTTCCACAGAGGAGATGAGCCGAGTGCTGATGGGGGACCTT  
 GGGCCGAGTGGCATGTCCCCTCCACCTGCAAGCTGCCCTGCCTCTCACCACCTACCTA  
 CACCACCTTCAAAGCCACCCCAACGCTATTCCCACGGAGACGGCAGCTCTATACCCCTC  
 TTCAGCACTGCTCCAGCTGCCAGGGTGCCTGCTGCCCCACCCCTGTTGCCTACTATCC  
 AGGGCCAGCCACTCAACTCTACCTGAACTACACAGCCTACTACCCAAGCCCCCAGTCTC  
 CCCCACCACTGTGGGCTACCTCACTACACCCACTGCTGCCCTGGCCTCTGCTCCCACCTC  
 AGTGTGTCCCAGTCAGGAGCCTTGGTCCGCATGCAGGGTGTCCATACACGGCTGGTAT  
 GAAGGATCTGCTCAGCGTCTCCAGGCCTACCAGCTACCCGCTGATGACTACACCAGTCT  
 GATGCCTGTTGGTGACCCACCTCGCACTGTGTTACAAGCCCCAAGGAATGGGTGTGTTT  
 GTAGGAGAGAAAGCCAGGAGGTAAGAGCCAGCTGATATCCTCGGCGAACATGTCTCTCT  
 GAGTCCAGAAGACCAGCACCCCTCAACCTGGTAGCTTCTTTCTGGCTTGCAAAGCTCTCA  
 GAAGGTACCTAGAGGAGCCCAAGCCCCAGCTCCATCCTCCACTTATTCTGCCTGTTTCCC  
 CCAAAGACAATGGCTGGACCCTGCATGCAGGGCTGGGGGTGGAATGGGGTAACCAAGCTC  
 CTGATGGCCTGAGCCAGGCATCTTGACTGGCACCTGGAGAGCCCTAAGTCTGCTCTGGC  
 TGTGGCCCATGCCGACAGATATCGTGGGCTGACAGGTCCACGGCAGGCTTGCTTTCTTT  
 TATAAAATGGAAGCTCTGGTACCTTCAATGTATGACTCCTGGGAGAATCAAGGGTCCATC  
 TGAGCCTCTGAGTAAAGATCCCAATGTTCTACCTCTCCCTGTCCCTTTGTAGGGGATAG  
 GGAGGCAGAGAGAGCCAGCCCCTACCCTCAGAGTATCTGGACCTCAGAGACCATGTTGTG  
 CCAGGGGTGGTCCCACCTAAAGATGCTAGCCCCTCTCCAGGTGGGCATAAGGAGTAACAG  
 ATGGCAAAACCACAACTATTTTGATGGACTGTGCTGCAGTATCACCAGAAGACATTAGG  
 GGGCAGTAGGCCCCACACAAAACCTTCAGGCTTGAATTTAAAGGGGAGGACTTTCTGC  
 CAACTTTTCTTGTATGCCTTGGGAAAGCCAGTTGCCCTGAACCCAGCAGACACCATGGAA  
 TGTCTTTGCACGCATTAATGGTACAGAAGTGAAGCCTCGGAAGCAATTTGGAACCTCGA  
 TCTTCTTCTTAAATGAAAAGTTATTGACCAAATGGACTTTTTAAAAGACACAGGACC  
 CTTAACTTTGCCCAAAGTGAGGGGCTCCACACCAACCCAGGGGAGGAACACTCAGAC  
 AGATTAAGGATACTGTTGACCTGTCACTGTTTATTATTTACAGCACTAAAAGTGGAGGCC  
 TCAACTGCTGGCTCTTCTCCCTTTGTATTTGTGAAGGAGCACTGCACTCCATAAAAG  
 GTTTTAAATACAAAATGTACAAGAACACAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:**

>OriGene 5' read for BC030146 unedited  
 TAAAAACGTGCGATTTGTCCACTTTTACTATAGCGGCACGCGAATTCGCACGAGGCTC  
 TGCGGCCATGACTCCGCCCGCCGCCGCCCTCCCCGGGCCCTGACCCCGCGGCCGA  
 CCCCGCCGCGACCCCTGCCCTGGCCGGATCACTGGTCTGCTCTTTCGGGGCTACGGC  
 GGGTGCCTGGGACGGGACCTGGGCTCGGACGAGACCGACTTAATCCTCCTAGTTTGGCA  
 AGTGGTTGAGCCGCGAGCCGAGGTGGGACGCTGCACAAATCGTGGTTCGTGCCGA  
 GCGGCCGCACTGAGTACGCATTGCCGCGAGGCGAGCGGCTGAGCGCCGACAGCCTGGC  
 GCGGGCAGAGCCCTGGACAAGGTGCTGCAGCAGTTCTCAGCTGGTGAACGGGGATGT  
 GGCTTTGCTGGGCGGGGCCCTACATGCTCTGCACTGATGGGCAGCAGCTATTGCGACA  
 GGTCTGCACCCGAGGCTCCAGGAAGAACCTGGTGCTCCCCGACATGTTCTTCTCCTT  
 CTATGACCTCCGAAGAGAATTCATATGCAGCATCCAAGCACCTGCCCTGCCAGGGACCT  
 CACTGTGGCCACCATGGCACAGGGTTTAGGACTGGAGACAGATGCCACAGAGGATGACTT  
 TGGGGTCTGGGAAGTCAAGACAATGGTAGCTGTTATCCTCCATCTACTCAAAGAGCCCAG  
 CAGTCAATTGTTTTGAAGCCCGAGGTGATAAAGCAGAAATACGAGACGGGGCCTTGCA  
 CAAGGCTGATGTGGTGGACAGTGAAGTGTGGTACGGGCTCGTGAGTTGCCGTGGCA

**Restriction Sites:**

Please inquire

**ACCN:**

BC030146

**Insert Size:**

3297 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC030146.2</a> , <a href="#">AAH30146.1</a>
<b>RefSeq Size:</b>	3288 bp
<b>Locus ID:</b>	80004
<b>Cytogenetics:</b>	16q22.1
<b>Gene Summary:</b>	ESRP2 is an epithelial cell-type-specific splicing regulator (Warzecha et al., 2009 [PubMed 19285943]).[supplied by OMIM, Aug 2009]