

## Product datasheet for **SC310176**

### **RBM35A (ESRP1) (NM\_017697) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RBM35A (ESRP1) (NM_017697) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM35A
Synonyms:	DFNB109; RBM35A; RMB35A
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_017697 edited  
 ATGACGGCCTCTCCGATTACTTGGTGGTGCTTTTTGGGATCACTGCTGGGGCCACCGGG  
 GCCAAGCTAGGCTCGGATGAGAAGGAGTTGATCCTGCTGTTCTGGAAAGTCGTGGATCTG  
 GCCAACAGAAGGTGGGACAGTTGCACGAAGTGTAGTTAGACCGGATCAGTTGGAAGT  
 ACGGAGGACTGCAAAGAAGAACTAAAAAGACGTCGAAAGCCTGCTCCTCGGCGTCGCAG  
 CTGGACCAAGCCCTCCGACAGTTAACCCAGTCACTGAGCAATGAACTGAATATTGGAGTA  
 GGGACTTCTTCTGTCTCTGTACTGATGGGCAGCTTCATGTCAGGCAAATCCTGCATCCT  
 GAGGCTTCCAAGAAGAATGTACTATTACCTGAATGCTTCTATTCTTTTTTGGATCTTCGA  
 AAAGAATTCAAGAATGTTGCCCTGGTTCACCTGATATTGACAAACTGGACGTTGCCACA  
 ATGACAGAGTATTTAAATTTTGGAGAAGAGTAGTTCAGTCTCTCGATATGGAGCCTCTCAA  
 GTTGAAGATATGGGAATATAATTTTAGCAATGATTTAGAGCCTTATAATCACAGGTTT  
 TCAGATCCAGAGAGAGTGAATTACAAGTTTAAAGTGGAACTTGCAGCAAGATGGAAGT  
 ATTGATGATAACACCGTAGTCAGGGCACGAGGTTACCATGGCAGTCTTCAGATCAAGAT  
 ATTGCAAGATTCTCAAAGGACTCAATATTGCCAAGGGAGGTGCAGCACTTTGTCTGAAT  
 GCTCAGGGTCAAGGAACGGAGAAGCTCTGGTTAGGTTTGAAGTGAAGGACCCGAGAC  
 CTAGCACTACAGAGGCACAAACATCACATGGGGACCCGGTATATTGAGGTTTACAAGCA  
 ACAGGTGAAGATTTCTTAAAATTGCTGGTGGTACTTCCAATGAGGTAGCCCAAGTTTCTC  
 TCCAAGGAAAAACAAGTCATTGTTGCGATGCGGGGGCTCCCTTTCACGGCCACAGCTGAA  
 GAAGTGGTGGCCTTCTTTGGACAGCATTGCCCTATTACTGGGGGAAAGGAAGGCATCCTC  
 TTTGTCACCTACCCAGATGGTAGGCCAACAGGGGACGCTTTTGTCTCTTTGCCTGTGAG  
 GAATATGCACAGAATGCGTTGAGGAAGCATAAAGACTTGTGGGTAAAAGATACATTGAA  
 CTCTTCAGGAGCACAGCAGCTGAAGTTCAGCAGGTGCTGAATCGATTCTCCTCGGCCCT  
 CTCATTCCACTTCCAACCCCTCCATTATTCCAGTACTACCTCAGCAATTTGTGCCCT  
 ACAATGTAGAGACTGTATACGCCTTCGAGGTCTTCCCTATGCAGCCACAATTGAGGAC  
 ATCCTGGATTTCTGGGGAGTTCGCCACAGATATTCGTAATCATGGGGTTCACATGGTT  
 TTGAATACCAGGGCCGCCATCAGGAGATGCCTTTATCCAGATGAAGTCTGCGGACAGA  
 GCATTTATGGCTGCACAGAAGTGTATAAAAAAAAAATGAAGGACAGATATGTTGAAGTC  
 TTTAGTGTTCAGCTGAGGAGATGAACTTTGTGTTAATGGGGGGCACTTTAAATCGAAAT  
 GGCTTATCCACCGCATGTAAGTTACCATGCCTGTCTCCTCCCTCCTACACATTTCCA  
 GCTCCTGTGCAGTTATCCTACAGAAGCTGCCATTTACCAGCCCTCTGTGATTTTGAAT  
 CCACGAGCACTGCAGCCCTCCACAGCGTACTACCAGCAGGCACTCAGCTTTCATGAAC  
 TACACAGCGTACTATCCAGCCCCCAGGTTTCGCCTAATAGTCTTGGCTACTTCCCTACA  
 GCTGCTAATCTTAGCGGTGTCCCTCCACAGCCTGGCACGGTGGTCAAGATGCAGGGCCTG  
 GCCTACAATACTGGAGTTAAGGAAATTCTAATCTTCTCAAGGTTACCAGTATGCAACC  
 GAGGATGGACTTATACACACAAATGACCAGGCCAGGACTTACCCAAAGAATGGGTTTGT  
 ATTTAA

**Restriction Sites:** NotI-NotI

**ACCN:** NM\_017697

**Insert Size:** 3800 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\_017697.2.

**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\\_017697.2](#), [NP\\_060167.2](#)

**RefSeq Size:** 2751 bp

**RefSeq ORF:** 2046 bp

**Locus ID:** 54845

**UniProt ID:** [Q6NXG1](#)

**Cytogenetics:** 8q22.1

**Domains:** RRM

**Gene Summary:** ESRP1 is an epithelial cell-type-specific splicing regulator (Warzecha et al., 2009 [PubMed 19285943]).[supplied by OMIM, Aug 2009]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).