

## Product datasheet for **SC318964**

### **RBM35A (ESRP1) (NM\_001122826) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RBM35A (ESRP1) (NM_001122826) Human Untagged Clone
Tag:	Tag Free
Symbol:	ESRP1
Synonyms:	DFNB109; RBM35A; RMB35A
Vector:	<u>pCMV6 series</u>



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001122826, the custom clone sequence may differ by one or more nucleotides

```

ATGACGGCCTCTCCGATTACTTGGTGGTGCTTTTTGGGATCACTGCTGGGGCCACCGGG
GCCAAGCTAGGCTCGGATGAGAAGGAGTTGATCCTGCTGTTCTGGAAAGTCGTGGATCTG
GCCAACAGAAGGTGGGACAGTTGCACGAAGTGCTAGTTAGACCGGATCAGTTGGAAGTG
ACGGAGGACTGCAAAGAAGAACTAAAAAGACGTCGAAAGCCTGCTCCTCGGCGTCGCAG
CTGGACCAAGCCCTCCGACAGTTAACCAGTCAGTGAGCAATGAACTGAATATTGGAGTA
GGGACTTCTTCTGTCTGTACTGATGGGCAGCTTCATGTCAGGCAAATCCTGCATCCT
GAGGCTTCCAAGAAGAATGTACTATTACCTGAATGCTTCTATTCTTTTTTGGATCTTCGA
AAAGAATTCAAGAAATGTTGCCCTGGTTCACCTGATATTGACAACTGGACGTTGCCACA
ATGACAGAGTATTTAAATTTTGGAGAAGTAGTTCAGTCTCTCGATATGGAGCCTCTCAA
GTTGAAGATATGGGGAATATAATTTTAGCAATGATTTAGAGCCTTATAATCACAGGTTT
TCAGATCCAGAGAGAGTGAATTACAAGTTTGAAGTGGAACTTGCAGCAAGATGGAAGT
ATTGATGATAACACCGTAGTCAGGGCACGAGGTTTACCATGGCAGTCTTCAGATCAAGAT
ATTGCAAGATTCTCAAAGGACTCAATATTGCCAAGGGAGGTGCAGCACTTTGTCTGAAT
GCTCAGGGTCAAGGAACGGAGAAGCTCTGGTTAGGTTTGTAAAGTGAAGGACACCAGAGAC
CTAGCACTACAGAGGCACAAACATCACATGGGGACCCGGTATATTGAGGTTTACAAGCA
ACAGGTGAAGATTTCTTAAAATTGCTGGTGGTACTTCCAATGAGGTAGCCAGTTTCTC
TCCAAGGAAAAACAAGTCATTGTCCGCATGCGGGGGCTCCCTTTCACGGCCACAGCTGAA
GAAGTGGTGGCCTTCTTTGGACAGCATTGCCCTATTACTGGGGGAAAGGAAGGCATCCTC
TTTGTACCTACCCAGATGGTAGGCCAACAGGGGACGCTTTTGTCTCTTTGCCTGTGAG
GAATATGCACAGAATGCGTTGAGGAAGCATAAAGACTTGTGGGTAAAAGATACATTGAA
CTCTTCAGGAGCACAGCAGCTGAAGTTTCCAGCAGGTGCTGAATCGATTCTCCTCGGCCCT
CTCATTTCACTTCCAACCCCTCCATTATTCCAGTACTACCTCAGCAATTTGTGCCCTT
ACAAATGTTAGAGACTGTATACGCTTTCGAGGTCTTCCCTATGCAGCCACAATTGAGGAC
ATCCTGGATTTCTGGGGGAGTTCGCCACAGATATTCGTAATCATGGGGTTCACATGGTT
TTGAATCACCAGGGCCGCCATCAGGAGATGCCTTTATCCAGATGAAGTCTGCGGACAGA
GCATTTATGGCTGCACAGAAGTGTCAAAAAAAAAACATGAAGGACAGATATGTTGAAGTC
TTTCAGTGTTCAGCTGAGGAGATGAACTTTGTGTTAATGGGGGGCACTTTAAATCGAAAT
GGCTTATCCCCACCGCCATGCCTGTCTCCTCCCTACACATTTCCAGCTCCTGCTGCA
GTTATTCTACAGAAGCTGCCATTTACCAGCCCTCTGTGATTTTGAATCCACGAGCACTG
CAGCCCTCCACAGCGTACTACCCAGCAGGCACTCAGCTTTCATGAATTACACAGCGTAC
TATCCCAGCCCCCAGGTTTCGCCTAATAGTCTTGGCTACTTCCCTACAGCTGCTAATCTT
AGCGGTGTCCCTCCACAGCCTGGCACGGTGGTCAGAATGCAGGGCCTGGCCTACAATACT
GGAGTTAAGGAAATTTCTAACTTCTTCAAGGTTACCAGTGTGTTGAAAGATGTATGG

```

- Restriction Sites:** Please inquire
- ACCN:** NM\_001122826
- 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\\_001122826.1](#), [NP\\_001116298.1](#)

**RefSeq Size:** 3684 bp

**RefSeq ORF:** 1980 bp

**Locus ID:** 54845

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

**Cytogenetics:** 8q22.1

**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 (3) has multiple differences in the 3' coding region, compared to variant 1, one of which results in a protein (isoform 3) with a shorter, distinct C-terminus when compared to isoform 1.