

Product datasheet for **SC318952**

RBM35A (ESRP1) (NM_001122825) Human Untagged Clone

Product data:

| | |
|---------------|----------------------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | RBM35A (ESRP1) (NM_001122825) 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_001122825, the custom clone sequence may differ by one or more nucleotides

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ATGACGGCCTCTCCGATTACTTGGTGGTGCTTTTTGGGATCACTGCTGGGGCCACCGGG
GCCAAGCTAGGCTCGGATGAGAAGGAGTTGATCCTGCTGTTCTGGAAAGTCGTGGATCTG
GCCAACAAGAAGGTGGGACAGTTGCACGAAGTGCTAGTTAGACCGGATCAGTTGGAAGTG
ACGGAGGACTGCAAAGAAGAACTAAAAAGACGTCGAAAGCCTGCTCCTCGGCGTCGCAG
CTGGACCAAGCCCTCCGACAGTTAACCAGTCAGTGAGCAATGAACTGAATATTGGAGTA
GGGACTTCCTTCTGTCTGTACTGATGGGCAGCTTCATGTCAGGCAAATCCTGCATCCT
GAGGCTTCCAAGAAGAATGTACTATTACCTGAATGCTTCTATTCTTTTTTGTATCTCGA
AAAGAATTCAAGAAATGTTGCCCTGGTTCACCTGATATTGACAACTGGACGTTGCCACA
ATGACAGAGTATTTAAATTTTGGAGAAGAGTAGTTCAGTCTCTCGATATGGAGCCTCTCAA
GTTGAAGATATGGGGAATATAATTTTAGCAATGATTTAGAGCCTTATAATCACAGGTTT
TCAGATCCAGAGAGAGTGAATTACAAGTTTAAAGTGGAACTTGCAGCAAGATGGAAGT
ATTGATGATAACACCGTAGTCAGGGCACGAGGTTTACCATGGCAGTCTTCAGATCAAGAT
ATTGCAAGATTCTCAAAGGACTCAATATTGCCAAGGGAGGTGCAGCACTTTGTCTGAAT
GCTCAGGGTCAAGGAACGGAGAAGCTCTGGTTAGGTTTGTAAAGTGAGGAGCACCAGAGAC
CTAGCACTACAGAGGCACAAACATCACATGGGGACCCGGTATATTGAGGTTTACAAGCA
ACAGGTGAAGATTTCTTAAAATGCTGGTGGTACTTCCAATGAGGTAGCCAGTTTCTC
TCCAAGGAAAAACAAGTCATTGTCCGCATGCGGGGGCTCCCTTTCACGGCCACAGCTGAA
GAAGTGGTGGCCTTCTTTGGACAGCATTGCCCTATTACTGGGGGAAAGGAAGGCATCCTC
TTTGTACCTACCCAGATGGTAGGCAACAGGGGACGCTTTTGTCTCTTTGCCTGTGAG
GAATATGCACAGAATGCGTTGAGGAAGCATAAAGACTTGTGGGTAAGATAACATTGAA
CTCTTCAGGAGCACAGCAGCTGAAGTTCAGCAGGTGCTGAATCGATTCTCCTCGGCCCT
CTCATTCCAATTCCAACCCTCCATTATTCCAGTACTACCTCAGCAATTTGTGCCCTT
ACAAATGTTAGAGACTGTATACGCTTCGAGGTCTTCCCTATGCAGCCACAATTGAGGAC
ATCCTGGATTTCTGGGGGAGTTCGCCACAGATATTTCGACTCATGGGTTTACATGGTT
TTGAATCACCAGGGCCGCCATCAGGAGATGCCTTTATCCAGATGAAGTCTGCGGACAGA
GCATTTATGGCTGCACAGAAGTGTCAAAAAAAAAACATGAAGGACAGATATGTTGAAGTC
TTTCAGTGTTCAGCTGAGGAGATGAACTTTGTGTTAATGGGGGCACTTTAAATCGAAAT
GGCTTATCCCACCGCCATGTAAGTTACCATGCCTGTCTCCTCCCTCCTACACATTTCCA
GCTCCTGTGCAGTTATTCCTACAGAAGCTGCCATTTACCAGCCCTCTGTGATTTTGAAT
CCACGAGCACTGCAGCCCTCCACAGCGTACTACCCAGCAGGCACTCAGCTCTTCATGAAT
TACACAGCGTACTATCCAGTGT

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- Restriction Sites:** Please inquire
- ACCN:** NM_001122825
- 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_001122825.1](#), [NP_001116297.1](#)

RefSeq Size: 3545 bp

RefSeq ORF: 1827 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 (4) lacks multiple exons in the 3' coding region, compared to variant 1, which results in a protein (isoform 4) with a shorter, distinct C-terminus when compared to isoform 1.