

Product datasheet for **RC226014**

RBM35A (ESRP1) (NM_001122825) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	RBM35A
Synonyms:	DFNB109; RBM35A; RMB35A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >RC226014 representing NM_001122825
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACGGCCTCTCCGATTACTTGGTGGTCTTTTGGGATCACTGCTGGGCCACCGGGGCCAAGCTAG
 GCTCGGATGAGAAGGAGTTGATCCTGCTGTTCTGGAAAGTCGTGGATCTGGCCAACAAGAAGGTGGGACA
 GTTGACCAAGTGCTAGTTAGACCGGATCAGTTGGAAGTACGCGGAGGACTGCAAGAAGAACTAAATA
 GACGTCGAAGCCTGTCTCGGCGTCGACGCTGGACCAAGCCCTCCGACAGTTTAACCAAGTCAGTGAGCA
 ATGAACTGAATATTGGAGTAGGGACTTCTTCTGTCTGTACTGATGGCAGCTTCATGTCAGGCAAAT
 CCTGCATCCTGAGGCTTCCAAGAAGATGTAATTACCTGAATGCTTCTATTCTTTTGGATCTTCGA
 AAAGAATTCAAGAAATGTTGCCCTGGTTCACCTGATATTGACAACTGGACGTTGCCACAATGACAGAGT
 ATTTAAATTTGAGAAGAGTAGTTCAGTCTCTCGATATGGAGCCTCTCAAGTTGAAGATATGGGGAATAT
 AATTTTAGCAATGATTTAGAGCCTTATAATCACAGGTTTTAGATCCAGAGAGAGTGAATTACAAGTTT
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 GGCAGTCTTCAGATCAAGATATTGCAAGATTCTTCAAAGGACTCAATATTGCCAAGGGAGGTGCAGCACT
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 CCTATTACTGGGGAAAGGAAGGCATCCTCTTTGTACCTACCCAGATGGTAGGCCAACAGGGGACGCTT
 TTGCTCTTTGCTGTGAGGAATATGCACAGAATGCGTTGAGGAAGCATAAAGACTTGTGGGTAAG
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 CTCATTCCACTTCCAACCCCTCCCATTATTCAGTACTACCTCAGCAATTTGTGCCCTTACAAATGTTA
 GAGACTGTATACGCTTCGAGGTCTTCCCTATGCAGCCACAATTGAGGACATCTGGATTTCTGGGGGA
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 GCCTTTATCCAGATGAAGTCTGCGGACAGAGCATTTATGGCTGCACAGAAGTGCATAAAAAATCATGA
 AGGACAGATATGTTGAAGTCTTTCAGTGTTCAGCTGAGGAGATGAAGTTGTGTTAATGGGGGCACTTT
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 GCTCTGCTGCAGTTATTCCTACAGAAGCTGCCATTTACCAGCCCTCTGTGATTTTGAATCCACGAGCAC
 TGCAGCCCTCCACAGCTACTACCCAGCAGGCACTCAGCTCTCATGAATTACACAGCGTACTATCCAG
 GTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC226014 representing NM_001122825
 Red=Cloning site Green=Tags(s)

MTASPDYLVVLFGITAGATGAKLGSDEKELILLFWKVVDLANKKVGQLHEVLVRPDQLELTEDCKEETKI
 DVESLSSASQLDQALRQFNQSVSNELNIGVGTSFCLCTDGLHVRQILHPEASKKNVLLPECFYSFFDLR
 KEFKKCCPGSPDIDKLDVATMTEYLNFEKSSSVRYGASQVEDMGNILAMISEPYNHRFSDPERVNYKF
 ESGTCSKMELIDDNTVVRARGLPWQSSDQDIARFFKGLNIAKGGAALCLNAQGRNGEALVRFVSEHRD
 LALQRHKHMGTRYIEVYKATGEDFLKIAGGTSNEVAQFLSKENQVIVMRGLPFTATAEEVVAFFGQHC
 PITGGKEGILFVTYPDGRPTGDAFVLFACEEYAQNALRKHKDLLGKRYIELFRSTAAEVQQVLNRFSSAP
 LIPLTPPIIPVLPQQFVPPTNVRDCIRLRLPYAATIEDILDFLGEFATDIRTHGVMVLNHQGRPSGD
 AFIQMSADRAFMAAQKCHKKNMKDRYVEVFQCSAEEMNFVLMGGTLNRNGLSPPPCKLPCLSPPSYTFP
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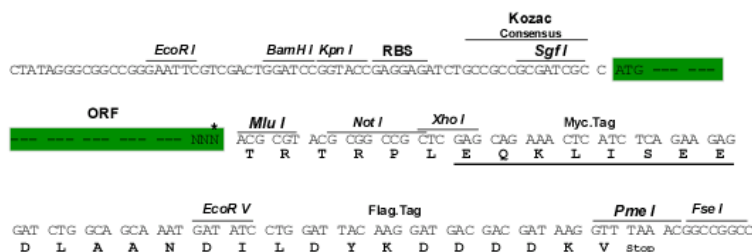
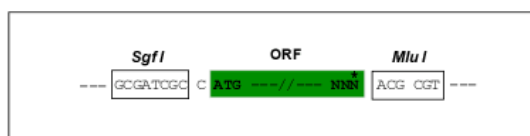
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8069_e06.zip

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001122825

ORF Size: 1824 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

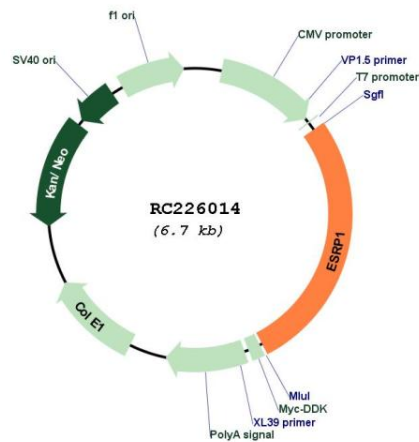
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22µm filter is required.

RefSeq: [NM_001122825.2](#)

RefSeq ORF: 1827 bp

Locus ID:	54845
UniProt ID:	Q6NXG1
Cytogenetics:	8q22.1
MW:	67.5 kDa
Gene Summary:	ESRP1 is an epithelial cell-type-specific splicing regulator (Warzecha et al., 2009 [PubMed 19285943]).[supplied by OMIM, Aug 2009]

Product images:



Circular map for RC226014