

Product datasheet for **RC209131A1V**

Human RBM35A (ESRP1) (NM_017697) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RBM35A (ESRP1) (NM_017697) AAV Particle
Tag:	Myc-DDK
Symbol:	ESRP1
Synonyms:	DFNB109; RBM35A; RMB35A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209131 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGACGGCCTCTCCGATTACTTGGTGGTGCTTTTGGGATCACTGCTGGGGCCACCGGGCCAAGCTAG
 GCTCGGATGAGAAGGAGTTGATCCTGCTGTTCTGGAAAGTCGTGGATCTGGCCAACAAGAAGGTGGGACA
 GTTGCACGAAGTGCTAGTTAGACCGGATCAGTTGGAAGTACGGAGGACTGCAAAAGAAGAACTAAAAATA
 GACGTCGAAAGCCTGTCTCGGCGTCGCAGCTGGACCAAGCCCTCCGACAGTTTAACCACTCAGTGAGCA
 ATGAACTGAATATTGGAGTAGGGACTTCCTTCTGTCTGTACTGATGGGCAGCTTCATGTCAGGCAAAAT
 CCTGCATCCTGAGGCTTCCAAGAAGAATGTACTATTACCTGAATGCTTCTATTCTTTTTTATCTTCGA
 AAAGAATTCAAGAATGTTGCCCTGGTTCACCTGATATTGACAACTGGACGTTGCCACAATGACAGAGT
 ATTTAAATTTTGAAGAAGTAGTTCACTCTCTCGATATGGAGCCTCTCAAGTTGAAGATATGGGGAATAT
 AATTTTAGCAATGATTTAGAGCCTTATAATCACAGGTTTTAGATCCAGAGAGAGTGAATTACAAGTTT
 GAAAGTGAAGTTCAGCAAGATGGAAGTATTGATGATAACACCGTAGTCAGGGCACGAGGTTTACCAT
 GGCAGTCTTCAGATCAAGATATTGCAAGATTCTCAAAGGACTCAATATTGCCAAGGGAGGTGCAGCACT
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 CTAGCACTACAGAGGCACAAACATCACATGGGGACCGGTATATTGAGGTTTACAAGCAACAGGTGAAG
 ATTTCTTAAATTTGCTGGTGGTACTTCCAATGAGGTAGCCAGTTTCTCTCAAGGAAAATCAAGTCAT
 TGTTGCGATGCGGGGGCTCCCTTTCACGGCCACAGCTGAAGAAGTGGTGGCTTCTTTGGACAGCATTGC
 CCTATTACTGGGGGAAAGGAAGGCATCTCTTGTACCTACCCAGATGGTAGGCCAACAGGGGACGCTT
 TTGCTCTTTGCCTGTGAGGAATATGCACAGAATGCGTTGAGGAAGCATAAAGACTTGTGGGTAAAAG
 ATACATTGAAGTCTTCAGGAGCACAGCAGCTGAAGTTCAGCAGGTGCTGAATCGATTCTCTCGGCCCT
 CTCATTCCACTTCCAACCCCTCCATTATTCCAGTACTACCTCAGCAATTTGTGCCCCCTACAAATGTTA
 GAGACTGTATACGCCTTCGAGGTCTTCCTATGCAGCCACAATTGAGGACATCCTGGATTTCTGGGGGA
 GTTCGCCACAGATATTCGTACTCATGGGTTTACATGGTTTTGAATCACCAGGGCCGCCATCAGGAGAT
 GCCTTTATCCAGATGAAGTCTGCGGACAGAGCATTATGGCTGCACAGAAGTGCATAAAAAAACATGA
 AGGACAGATATGTTGAAGTCTTTCAGTGTTCAGCTGAGGAGATGAAGTTGTGTTAATGGGGGCACTTT
 AAATCGAAATGGCTTATCCCCACCGCCATGTAAGTTACCATGCCTGTCTCCTCCCTCTACACATTTCCA
 GCTCCTGCTGCAGTTATTCCTACAGAAGCTGCCATTTACCAGCCCTCTGTGATTTGAATCCACGAGCAC
 TGCAGCCCTCCACAGCGTACTACCCAGCAGGCACTCAGCTCTTCATGAACTACACAGCGTACTATCCAG
 CCCCCAGGTTGCGCTAATAGTCTTGGTACTTCCCTACAGCTGCTAATCTTAGCGGTGTCCCTCCACAG
 CCTGGCACGGTGGTCAGAATGCAGGGCCTGGCCTACAATACTGGAGTTAAGGAAATCTTAACTCTTCC
 AAGGTTACAGTATGCAACCGAGGATGGACTTATACACACAAATGACCAGGCCAGGACTTACCCAAAGA
 ATGGGTTTGTATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209131 protein sequence Red=Cloning site Green=Tags(s) MTASPDYLVVLFGITAGATGAKLGSDEKELILLFWKVVDLANKKVGQLHEVLVRPDQLELTEDCKEETKI DVESLSSASQLDQALRQFNQSVSNELNIGVGTFSCLCTDQQLHVRQILHPEASKKNVLLPECFYSFFDLR KEFKKCCPGSPDIDKLDVATMTEYLNFEKSSSVSRYGASQVEDMGNIILAMISEPYNHRFSDPERVNYKF ESGTCCKMELIDDNTVVRARGLPWQSSDQDIARFFKGLNIAKGGAAALCLNAQGRNGEALVRFVSEEHDR LALQRHKHHMGTRYIEVYKATGEDFLKIAAGTSNEVAQFLSKENQVIVMRGLPFTATAEEVVAFFGQHC PITGGKEGILFVTYPDGRPTGDAFVLFACEEYAQNALRKHKDLLGKRYIELFRSTAAEVQQVLNRFSSAP LIPLPTPPIIPVLPQQFVPPTNVRDCIRLRGLPYAATIEDILDFLGEFATDIRTHGVHMLNHQGRPSGD AFIQMKSADRAFMAAQKCHKNNMKDRYVEVFQCSAEEMNFVLMGGTLNRNGLSPPPCKLPCLSPPSYTFP APAAVIPTAAIYQPSVILNPRALQPSTAYYPAGTQLFMNYTAYYPPGSPNSLGYFPTAANLSGVPPQ PGTVVRMQGLAYNTGVKEILNFFQGYQYATEDGLIHTNDQARTLPKEWVCI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_017697
ORF Size:	2043 bp
Buffer:	PBS with 0.001% Pluronic F6374
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	NM_017697.2 , NP_060167.2
RefSeq Size:	3806 bp
RefSeq ORF:	2046 bp
Locus ID:	54845
UniProt ID:	Q6NXG1
Cytogenetics:	8q22.1
MW:	75.6 kDa