

Product datasheet for **RC210539A1V**

Human RBM35A (ESRP1) (NM_001034915) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RBM35A (ESRP1) (NM_001034915) 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:**

>RC210539 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGCCTCTCCGATTACTTGGTGGTGCTTTTGGGATCACTGCTGGGGCCACCGGGCCAAGCTAG
 GCTCGGATGAGAAGGAGTTGATCCTGCTGTTCTGGAAAGTCGTGGATCTGGCCAACAAGAAGGTGGGACA
 GTTGACGAAGTGCTAGTTAGACCGGATCAGTTGGAAGTACGGAGGACTGCAAGAAGAACTAAAAATA
 GACGTCGAAAGCCTGTCTCGGCGTCGACGCTGGACCAAGCCCTCCGACAGTTTAACCACTCAGTGAGCA
 ATGAACTGAATATTGGAGTAGGGACTTCCTTCTGTCTGTACTGATGGGCAGCTTCATGTCAGGCAAAAT
 CCTGCATCCTGAGGCTTCCAAGAAGAATGTACTATTACCTGAATGCTTCTATTCTTTTTGATCTTCGA
 AAAGAATTCAAGAATGTTGCCCTGGTTCACCTGATATTGACAACTGGACGTTGCCACAATGACAGAGT
 ATTTAAATTTTGAAGAAGTAGTTCACTCTCTCGATATGGAGCCTCTCAAGTTGAAGATATGGGGAATAT
 AATTTTAGCAATGATTTAGAGCCTTATAATCACAGGTTTTAGATCCAGAGAGAGTGAATTACAAGTTT
 GAAAGTGAAGTTCAGCAAGATGGAAGTATTGATGATAACACCGTAGTCAGGGCACGAGGTTTACCAT
 GGCAGTCTTCAGATCAAGATATTGCAAGATTCTCAAAGGACTCAATATTGCCAAGGGAGGTGCAGCACT
 TTGCTGAATGCTCAGGGTCAAGGAACGGAGAAGCTCTGGTTAGGTTTGAAGTGAGGAGCACCGAGAC
 CTAGCACTACAGAGGCACAAACATCACATGGGGACCGGTATATTGAGGTTTACAAGCAACAGGTGAAG
 ATTTCTTAAATTTGCTGGTGGTACTTCCAATGAGGTAGCCAGTTTCTCTCAAGGAAAATCAAGTCAT
 TGTCCGCATGCGGGGCTCCCTTTCACGGCCACAGCTGAAGAAGTGGTGGCTTCTTTGGACAGCATTGC
 CCTATTACTGGGGAAAGGAAGGCATCTCTTGTACCTACCCAGATGGTAGGCCAACAGGGGACGCTT
 TTGCTCTTTGCCTGTGAGGAATATGCACAGAATGCGTTGAGGAAGCATAAAGACTTGTGGTAAAAG
 ATACATTGAAGTCTTCAGGAGCACAGCAGCTGAAGTTCAGCAGGTGCTGAATCGATTCTCTCGGCCCT
 CTCATTCCACTTCCAACCCCTCCATTATTCCAGTACTACCTCAGCAATTTGTGCCCCCTACAAATGTTA
 GAGACTGTATACGCCTTCGAGGTCTTCCTATGCAGCCACAATTGAGGACATCCTGGATTTCTGGGGGA
 GTTCGCCACAGATATTCGTACTCATGGGTTTACATGGTTTTGAATCACCAAGGCCGCCATCAGGAGAT
 GCCTTTATCCAGATGAAGTCTGCGGACAGAGCATTATGGCTGCACAGAAGTGCATAAAAAAACATGA
 AGGACAGATATGTTGAAGTCTTTCAGTGTTCAGCTGAGGAGATGAAGTTGTGTTAATGGGGGCACTTT
 AAATCGAAATGGCTTATCCCCACCGCCATGCCTGTCTCCTCCCTACACATTTCCAGCTCCTGCTGCA
 GTTATTCTACAGAAGCTGCCATTTACCAGCCCTCTGTGATTTTGAATCCACGAGCACTGCAGCCCTCCA
 CAGCGTACTACCCAGCAGGCACTCAGCTCTTCATGAAGTACACAGCGTACTATCCAGCCCCCAGGTTC
 GCCTAATAGTCTTGGCTACTTCCCTACAGCTGCTAATCTTAGCGGTGTCCTCCACAGCTGGCACGGTG
 GTCAGAATGCAGGCTGGCCTACAATACTGGAGTTAAGGAAATCTTAAGTCTCTCCAGGTTACCACT
 ATGCAACCGAGGATGGAATTATACACAAATGACCAGGCCAGGACTCTACCAAAGAATGGGTTTGAT
 T

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC210539 protein sequence Red=Cloning site Green=Tags(s) MTASPDYLVVLFGITAGATGAKLGSDEKELILLFWKVVDLANKKVGQLHEVLVRPDQLELTEDCKEETKI DVESLSSASQLDQALRQFNQSVSNELNIGVGTSFCLCTDQQLHVRQILHPEASKKNVLLPECFYSFFDLR KEFKKCCPGSPDIDKLDVATMTEYLNFEKSSSVSRYGASQVEDMGNIILAMISEPYNHRFSDPERVNYKF ESGTCCKMELIDDNTVVRARGLPWQSSDQDIARFFKGLNIAKGGAAALCLNAQGRNGEALVRFVSEEHDR LALQRHKHHMGTRYIEVYKATGEDFLKIAAGTSNEVAQFLSKENQVIVMRGLPFTATAEEVVAFFGQHC PITGGKEGILFVTYPDGRPTGDAFVLFACEEYAQNALRKHKDLLGKRYIELFRSTAAEVQQVLNRFSSAP LIPLPTPIIPVLPQQFVPPTNVRDCIRLRGLPYAATIEDILDFLGEFATDIRTHGVHMLNHQGRPSGD AFIQMKSADRAFMAAQKCHKNNMKDRYVEVFQCSAEEMNFVLMGGTLNRNGLSPPPCLSPPSYTFPAPAA VIPTEAAIYQPSVILNPRALQPSTAYYPAGTQLFMNYTAYYPSPPGSPNSLGYFPTAANLSGVPPQPGTV VRMQGLAYNTGVKEILNFSQGYQYATEDGLIHTNDQARTLPKEWVCI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001034915
ORF Size:	2031 bp
Buffer:	PBS with 0.001% Pluronic F6590
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:	<u>NM_001034915.1, NP_001030087.1</u>
RefSeq Size:	3794 bp
RefSeq ORF:	2034 bp
Locus ID:	54845
UniProt ID:	<u>Q6NXG1</u>
Cytogenetics:	8q22.1
MW:	75.1 kDa