

Product datasheet for **RC215995A1V**

Human Estrogen Related Receptor beta (ESRRB) (NM_004452) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Estrogen Related Receptor beta (ESRRB) (NM_004452) AAV Particle
Tag:	Myc-DDK
Symbol:	Estrogen Related Receptor beta
Synonyms:	DFNB35; ERR2; ERRb; ERR beta-2; ERRbeta2; ESRL2; NR3B2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC215995 representing NM_004452
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTCGGACGACAGGCACCTGGGCTCCAGTGC GGCTCCTTCATCAAGACTGAGCCGTCCAGCCGT
 CCTCGGGCATCGATGCCCTCAGCCACCACAGCCCCAGTGGCTCGTCCGACGCCAGCGCGGCTTTGGCCT
 GGCCCTGGGCACCCACGCCAACGGTCTGGACTCGCCACCCATGTTTGAGGCGCCGGGCTGGGAGGCACC
 CCATGCCGCAAGAGCTACGAGGACTGTGCCAGCGGCATCATGGAGGACTCGGCCATCAAGTGCAGTACA
 TGCTCAACGCCATCCCCAAGCGCTGTGCCTCGTGTGCGGGGACATTGCCTCTGGCTACCACTACGGCGT
 GGCTCCTGCGAGGCTTGCAAGGCTTTCTTCAAGAGGACTATCCAAGGGAACATTGAGTACAGCTGCCCCG
 GCCACCAACGAGTGCAGATCACCAACGAGGCGCAAGTCTGCCAGGCTGCCGCTTCATGAAATGCC
 TCAAGTGGGGATGCTGAAGGAAGGTGTGCGCTTGATCGAGTGCCTGGAGGCCGTGAGAAATACAAGCG
 ACGGCTGGACTCAGAGAGCAGCCATACCTGAGCTTACAAATTTCTCCACCTGCTAAAAAGCCATTGACC
 AAGATTGTCTCATACCTACTGGTGGCTGAGCCGACAAGCTCTATGCCATGCCTCCCCCTGGTATGCCTG
 AGGGGGACATCAAGGCCCTGACCACTCTCTGTGACCTGGCAGACCGAGAGCTTGTGGTATCATTGGCTG
 GGCCAAGCACATCCCAGGCTTCTCAAGCCTCTCCCTGGGGGACCAGATGAGCCTGCTGCAGAGTGCCTGG
 ATGAAATCCTCATCCTGGGCATCGTGTACCGCTCGTGCCTACGACGACAAGCTGGTGTACGCTGAGG
 ACTACATCATGGATGAGGAGCACTCCCGCTCGCGGGGCTGCTGGAGCTCTACCGGGCCATCCTGCAGCT
 GGTACGCAGGTACAAGAAGCTCAAGGTGGAGAAGGAGGAGTTTGTGACGCTCAAGGCCCTGGCCCTCGCC
 AACTCCGATTCCATGTACATCGAGGATCTAGAGGCTGTCCAGAAGCTGCAGGACCTGCTGCACGAGGCAC
 TGCAGGACTACGAGCTGAGCCAGCGCCATGAGGAGCCCTGGAGGACGGCAAGCTGCTGCTGACACTGCC
 GCTGCTCGGGCAGACGGCCGCCAAGGCCGTGCAGCACTTCTATAGCGTCAAAGTGCAGGGCAAGTGGCC
 ATGCACAACTCTTCTGGAGATGCTGGAGGCCAAGGCCCTGGGCCAGGGCTGACTCCCTTCAGGAGTGA
 GGCCACTGGAGCAAGTGCCTCTCCCTCCACCGAGCCACCAAGAGGCAGCATGTGCATTTCTAACTCC
 CTTGCCCTCCCCATCTGTGGCTGGGTGGGCACTGCTCAGGCTGGATACCACCTGGAGGTTTCTCT
 CCGCAGAGGGCAGGTTGGCCAAGAGCAGCT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSSDDRHLGSSCGSFIKTEPSSPSSGIDALSHHSPSGSSDASGGFGLALGTHANGLDSPPMFAGAGLGGT
 PCRKSYEDCASGIMEDSAIKCEYMLNAIPKRLCLVCGDIASGYHYGVASCEACKAFFKRTIQGNIEYSCP
 ATNECEITKRRRKSCQACRFMKCLKVGMKEGVRLDRVRGGRQKYKRRLDSESSPYLSLQISPPAKKPLT
 KIVSYLLVAEPDKLYAMPPPGMPEGDIKALTTLCDLADRELVIIGWAKHIPGFSSLSLGDQMSLLQSAW
 MEILILGIVYRSLPYDDKLVAEDYIMDEEHSRLAGLLELYRAILQLVRRYKCLKVEKEEFVTLKALALA
 NSDSMYIEDLEAVQKLQDLLHEALQDYELSQRHEEPWRTGKLLLTPLLRQTAAKAVQHFYSVKLQGVKVP
 MHKLFLEMLEAKAWARADSLQEWRLQVPSPLHRATKRQHVHFLTPLPPPSVAWVGTAQAGYHLEVF
 LQKAGWPRAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004452

ORF Size:

1500 bp

Buffer:	PBS with 0.001% Pluronic F68
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_004452.2, NP_004443.2</u>
RefSeq Size:	2193 bp
RefSeq ORF:	1527 bp
Locus ID:	2103
UniProt ID:	<u>O95718</u>
Cytogenetics:	14q24.3
MW:	56 kDa