

Product datasheet for **RC215974A1V**

Human Estrogen Receptor beta (ESR2) (NM_001040276) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Estrogen Receptor beta (ESR2) (NM_001040276) AAV Particle
Tag:	Myc-DDK
Symbol:	Estrogen Receptor beta
Synonyms:	ER-BETA; Erb; ESR-BETA; ESRB; ESTRB; NR3A2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215974 representing NM_001040276
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATATAAAAACTACCATCTAGCCTTAATCTCCTTCTCTCACTCAACTGCAGTCAATCCATCTTAC
 CCTGGAGCACGCTCCATATACATACCTTCTCTATGTAGACAGCCACCATGAATATCCAGCCATGAC
 ATTCTATAGCCCTGCTGTGATGAATTACAGCATTCCCAGCAATGCACTAACTTGGAAAGGTGGCCCTGGT
 CGGCAGACCACAAGCCAAATGTGTTGTGGCAACACCTGGGCACCTTCTCTTTAGTGGTCCATCGCC
 AGTTATCACATCTGTATGCGAACCTCAAAGAGTCCCTGGTGTGAAGCAAGATCGCTAGAACACACCTT
 ACCTGTAACAGAGAGACTGAAAAGGAAGTTAGTGGGAACCGTTGCGCCAGCCCTGTACTGGTCCA
 GGTTCAAAGAGGGATGCTCACTTCTGCGCTGTCTGCAGCGATTACGCATCGGGATACACTATGGAGTCT
 GGTCTGTGAAGGATGAAGGCCTTTTTAAAAGAAGCATTCAAGGACATAATGATTATATTTGCCAGC
 TACAAATCAGTGTACAATCGATAAAAACCGGCGCAAGAGCTGCCAGGCCTGCCGACTTCGGAAGTGTAC
 GAAGTGGGAATGGTGAAGTGTGGCTCCCGGAGAGAGAGATGTGGGTACCGCTTGTGCGGAGACAGAGAA
 GTGCCGACGAGCAGCTGCACTGTGCCGCAAGGCCAAGAGAAGTGGCGGCCACGCGCCCCGAGTGGCGGA
 GCTGCTGCTGGACGCCCTGAGCCCCGAGCAGCTAGTGCTCACCTCCTGGAGGCTGAGCCGCCCATGTG
 CTGATCAGCCGCCCAGTGCGCCCTTACCAGGCCTCCATGATGATGCTCCCTGACCAAGTTGGCCGACA
 AGGAGTTGGTACACATGATCAGCTGGGCCAAGAAGATCCCGGCTTTGTGGAGCTCAGCCTGTTCCACCA
 AGTGCGGCTCTGGAGAGCTGTTGGATGGAGGTGTTAATGATGGGGCTGATGTGGCGCTCAATTGACCAC
 CCCGGCAAGCTCATCTTTGCTCCAGATCTTGTCTGGACAGGGATGAGGGGAAATGCGTAGAAGGAATTC
 TGGAAATCTTTGACATGCTCCTGGCAACTACTCAAGTTCGAGAGTTAAAACCCAACACAAAGAATA
 TCTCTGTGTCAAGGCCATGATCCTGCTCAATCCAGTATGTACCCTCTGGTCACAGCGACCCAGGATGCT
 GACAGCAGCCGGAAGCTGGCTCACTTGCTGAACGCCGTGACCGATGCTTTGGTTTGGGTATTGCCAAGA
 GCGGCATCTCTCCAGCAGCAATCCATGCGCCTGGCTAACCTCCTGATGCTCCTGTCCCACGTGAGGCA
 TGCGAGGGCAGAAAAGGCCTCTCAAACACTCACCTCATTTGGAATGAAGATGGAGACTCTTTGCCTGAA
 GCAACGATGGAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC215974 representing NM_001040276
 Red=Cloning site Green=Tags(s)

MDIKNSPSSLNSPSSYNCSQSILPLEHGSYIYIPSSYVDSHHEYPAMTFYSPAVMNYIPSNTNLEGGPG
 RQTTSPNVLWPTPGHLSPLVVHRQLSHLYAEPQKSPWCEARSLEHTLPVNRETLKRKVSNGRNASPVTGP
 GSKRDAHFCAVCSYASGYHYGVWSCEGCKAFFKRSIQGHNDYICPATNQCTIDKNRRKSCQACRLKCY
 EVGMVKGSRRRRCGYRLVRRQRSADQLHCAGKAKRSGGHAPRVRELLLDAL SPEQLVLTLEAEPHVV
 LISRSPAPFTEASMMSLTKLADKELVHMI SWAKKIPGFVELSLFDQVRLLESCWMEVLMMLMWRSIDH
 PGKLI FAPDLVDRDEGKCVEGILEIFDMLLATT SRFRELKLQHKEYLCVKAMILLNSSMYPLVTATQDA
 DSSRKL AHELLNAVTDALVWVIAKSGISSQQSMRLANLLMLLSHVRHARA EKASQTLT SFGMKMETLLPE
 ATMEQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001040276

ORF Size:

1485 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_001040276.1, NP_001035366.1</u>
RefSeq Size:	2745 bp
RefSeq ORF:	1487 bp
Locus ID:	2100
Cytogenetics:	14q23.2-q23.3
MW:	55.5 kDa