

Product datasheet for **RC212665A1V**

Human Estrogen Receptor beta (ESR2) (NM_001040275) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Estrogen Receptor beta (ESR2) (NM_001040275) AAV Particle
Tag:	Myc-DDK
Symbol:	Estrogen Receptor beta
Synonyms:	ER-BETA; Erb; ESR-BETA; ESRB; ESTRB; NR3A2; ODG8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212665 representing NM_001040275
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATATAAAAACTCACCATCTAGCCTTAATCTCCTTCTCTCAACTGCAGTCAATCCATCTTAC
 CCCTGGAGCACGCTCCATATACATACCTTCTCTATGTAGACAGCCACCATGAATATCCAGCCATGAC
 ATTCTATAGCCCTGCTGTGATGAATTACAGCATTCCCAGCAATGCACTAACTTGGAAAGTGGGCCTGGT
 CGGCAGACCACAAGCCAAATGTGTTGTGGCAACACCTGGGCACCTTCTCTTTAGTGGTCCATCGCC
 AGTTATCACATCTGTATGCGAACCTCAAAGAGTCCCTGGTGTGAAGCAAGATCGCTAGAACACACCTT
 ACCTGTAACAGAGAGACTGAAAAGGAAGTTAGTGGGAACCGTTGCGCCAGCCCTGTACTGGTCCA
 GGTTCAAAGAGGGATGCTCACTTCTGCGCTGTCTGCAGCGATTACGCATCGGGATACACTATGGAGTCT
 GGTCTGTGAAGGATGAAGGCCTTTTTAAAAGAAGCATTCAAGGACATAATGATTATATTTGCCAGC
 TACAAATCAGTGTACAATCGATAAAAACCGGCGCAAGAGCTGCCAGGCCTGCCGACTTCGGAAGTGTAC
 GAAGTGGGAATGGTGAAGTGTGGCTCCCGGAGAGAGAGATGTGGGTACCGCTTGTGCGGAGACAGAGAA
 GTGCCGACGAGCAGCTGCACTGTGCCGCAAGGCAAGAGAAGTGGCGGCCACGCGCCCCGAGTGGCGGA
 GCTGCTGCTGGACGCCCTGAGCCCCGAGCAGCTAGTGCTCACCTCCTGGAGGCTGAGCCGCCCATGTG
 CTGATCAGCCGCCCAGTGCGCCCTTACCAGGCCTCCATGATGATGCTCCCTGACCAAGTTGGCCGACA
 AGGAGTTGGTACACATGATCAGCTGGGCAAGAAGATCCCGGCTTTGTGGAGCTCAGCCTGTTCCGACA
 AGTGCGGCTCTGGAGAGCTGTTGGATGGAGGTGTTAATGATGGGGCTGATGTGGCGTCAATTGACCAC
 CCCGGCAAGCTCATCTTTGCTCCAGATCTTGTCTGGACAGGGATGAGGGGAAATGCGTAGAAGGAATTC
 TGGAAATCTTTGACATGCTCCTGGCAACTACTCAAGGTTTCGAGAGTTAAAACCCAACACAAAGAATA
 TCTCTGTGTCAAGGCCATGATCCTGCTCAATCCAGTATGTACCCTCTGGTCACAGCGACCCAGGATGCT
 GACAGCAGCCGGAAGCTGGTCACTTGTGAACGCCGTGACCGATGCTTTGGTTTGGGTATTGCCAAGA
 GCGGCATCTCTCCAGCAGCAATCCATGCGCCTGGTAACTCCTGATGCTCCTGTCCACGTCAGGCA
 TGCGAGGGCAGAAAAGGCCTCTCAAACACTCACCTCATTTGGAATGAAGATGGAGACTCTTTGCCTGAA
 GCAACGATGGAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212665 representing NM_001040275
 Red=Cloning site Green=Tags(s)

MDIKNSPSSLNSPSSYNCSQSILPLEHGSYIYIPSSYVDSHHEYPAMTFYSPAVMNYIPSNTNLEGGPG
 RQTTSPNVLWPTPGHLSPLVVHRQLSHLYAEPQKSPWCEARSLEHTLPVNRETLKRKVSIGNRCASPVTPG
 GSKRDAHFCAVCSYASGYHYGVWSCEGCKAFFKRSIQGHNDYICPATNQCTIDKNRRKSCQACRLKCY
 EVGMVKGSRRRRCGYRLVRRQRSADQLHCAGKAKRSGGHAPRVRELLLDAL SPEQLVLTLEAEPH
 LISRSPAPFTEASMMSLTKLADKELVHMSWAKKIPGFVELSLFDQVRLLESCWMEVLMGLMWRSIDH
 PGKLI FAPDLVDRDEGKCVEGILEIFDMLLATTSRFRELKLQHKEYL CVKAMILLNSSMYPLVTATQDA
 DSSRKL AHELLNAVTDALVWVIAKSGISSQQSMRLANLLMLLSHVRHARA EKASQTLT SFGMKMETLLPE
 ATMEQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001040275

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_001040275.1</u> , <u>NP_001035365.1</u>
RefSeq Size:	2470 bp
RefSeq ORF:	1488 bp
Locus ID:	2100
UniProt ID:	<u>Q92731</u>
Cytogenetics:	14q23.2-q23.3
MW:	55.3 kDa