

Product datasheet for **MR227144A1V**

Mouse Esr2 (NM_207707) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Esr2 (NM_207707) AAV Particle
Tag:	Myc-DDK
Symbol:	Esr2
Synonyms:	ERbeta; ER[b]; Estrb
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227144 representing NM_207707
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCATCTGTGCCTCTTCTCACAAAGGATTTTCTCAGCTGAGACCTACGCAAGACATGGAGATCAAAA
 ACTCACCATCAAGCCTTACTTCCCTGCTTCTTATAACTGTAGCCAGTCCATCCTACCCTTGAGCATGG
 TCCCATCTATATCCCTTCTCTCTATGTAGAGAGCCGTCACGAATACTCAGCCATGACATTCTACAGTCTT
 GCTGTGATGAACTACAGTGTTCCAGCAGCACCGGTAACCTGGAAGGTGGGCTGTTCCGCCAGACTGCAA
 GCCCAATGTGCTATGGCCAACCTCTGGACACCTCTCTCTTTAGCCACCCACTGCCAATCATCGTTTCT
 CTATGCAGAACCTCAAAAGAGTCCTTGGTGTGAAGCAAGATCACTAGAACACACCTTGCCTGTAACAGA
 GAGACCCTGAAGAGGAAGCTTGGCGGGAGCGGTTGTGCCAGCCCTGTTACTAGTCCAAGCGCCAAGAGGG
 ATGCTCACTTCTGCGCGTCTGCAGTGATTATGCATCTGGGTATCATTACGGTGTCTGGTCTGTGAAGG
 ATGTAAGGCCTTTTTTAAAAGAAGCATTCAAGGACATAATGACTATATCTGTCCAGCCACGAATCAGTGT
 ACCATAGACAAGAACCGGCGTAAAAGCTGCCAGGCCTGCCGACTTCGCAAGTGTTACGAAGTAGGAATGG
 TCAAGTGTGGATCCAGGAGAGAAAGGTGTGGGTACCGAATAGTACGAAGACAGAGAAGTGCCAGCGAGCA
 GGTGCATTGCCTGAACAAAGCCAAGAGAACCAGTGGGCACACACCCCGGGTGAAGGAGCTACTGCTGAAC
 TCTCTGAGTCCCGAGCAGCTGGTGCTCACCTGCTGGAAGCTGAGCCACCCAATGTGCTAGTGAGCCGTC
 CCAGCATGCCCTTACCAGAGGCTCCATGATGATGTCCCTCACGAAGCTGGTGACAAGGAAGTGGTGCA
 CATGATTGGCTGGGCCAAGAAAATCCCTGGCTTGTGGAGCTCAGCCTGTTGGACCAAGTCCGCCTCTTG
 GAAAGCTGCTGGATGGAGGTGCTGATGGTGGGCTGATGTGGCGCTCCATCGACCACCCCGCAAGCTCA
 TCTTTGCTCCAGACCTCGTTCTGGACAGGTCTCAGAAGACCCTCACTGGCACGTTGCGCAGACGAAGAG
 TGCTGTCCCAAGGGATGAGGGGAAGTGCCTGGAAGGGATTCTGAAATCTTTGACATGCTCCTGGCGACG
 ACGGCACGGTTCGCTGAGTTAAACTGCAGCACAAAGAATATCTGTGTGTGAAGGCCATGATTCTCCTCA
 ACTCCAGTATGTACCCCTTGGCTACCGCAAGCCAGGAAGCAGAGAGTAGCCGGAAGCTGACACACCTATT
 GAACGCAGTGACAGATGCCCTGGTCTGGGTGATTTCAAGAGTGAATCTCTTCCAGCAGCAGTCAGTC
 CGTCTGGCCAACCTCCTGATGCTTCTTCTCATGTGAGGCACATCAGTAACAAGGGCATGGAACATCTGC
 TCAGCATGAAGTGCAAAAATGTGGTCCCGGTGTACGACCTGCTGCTGGAGATGCTGAATGCTCACACGCT
 TCGAGGGTACAAGTCTCAATCTCGGGTCTGAGTGCTGCTCGACAGAGGACAGTAAGAGCAAAGAGGGC
 TCCAGAACCTCCAGTCACAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MSICASSHKDFSQLRPTQDMEIKNSPSSLTSPASYNCSQSILPLEHGPIYIPSSYVESRHEYSAMTFYSP
 AVMNYSVPSSTGNLEGGPVRQTASPNVLWPTSGHLSPLATHCQSLLYAEPQKSPWCEARSLEHTLPVNR
 ETLKRKLGGSGCASPVTSPSAKRDAHFCAVCSYASGYHYGVWSCEGCKAFFKRSIQGHNDYICPATNQ
 TIDKNRRKSCQACRLRKCYEVMVKCGSRRERCYRIVRRQRSASEQVHCLNKAARTSGHTPRVKELLLN
 SLSPQLVLTLEAEPNVLSRPSMPFTEASMMMSLTKLADKELVHMIGWAKKIPGFVELSLLDQVRL
 ESCWMEVLMVGLMWRSIDHPGKLIFAPDLVLDRSSEDPHWHVAQTKSAVPRDEGKCEGILEIFDMLLAT
 TARFRELKLQKEYLCVKAMILLNSSMYPLATASQEAESSRKLTHLLNAVTDALVWVISKSGISSQQQSV
 RLANLLMLSHVRHISNKGMEHLLSMKCKNVVPVYDLLLEMLNAHTLRGYKSSISGSECCSTEDSKSKEG
 SQNLQSQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_207707
ORF Size:	1701 bp
Buffer:	PBS with 0.001% Pluronic F4238
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_207707.1, NP_997590.1</u>
RefSeq Size:	3362 bp
RefSeq ORF:	1704 bp
Locus ID:	13983
UniProt ID:	<u>O08537</u>
Cytogenetics:	12 33.52 cM
MW:	63.7 kDa