

Product datasheet for **MR227304A1V**

Mouse Esr1 (NM_007956) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Esr1 (NM_007956) AAV Particle
Tag:	Myc-DDK
Symbol:	Esr1
Synonyms:	E; ER; ER-; ER-alpha; ERa; ERalpha; ER[; Es; ESR; Estr; Estra; Nr; Nr3a1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227304 representing NM_007956
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGACCATGACCCTTCACACCAAAGCCTCGGGAATGGCCTTGCTGCACCAGATCCAAGGGAACGAGCTGG
 AGCCCCCTCAACCGCCCGCAGCTCAAGATGCCCATGGAGAGGGCCCTGGGCGAGGTATACGTGGACAACAG
 CAAGCCCACTGTGTTCAACTACCCCGAGGGCGCCGCTACGAGTTCAACGCCCGCCGCGCCGCGCCGCGC
 GCCGCTCGGCGCCGGTCTACGGCCAGTCGGGCATCGCCTACGGCCCCGGGTGGAGGCGCCGCGCTTCA
 GTGCCAACAGCCTGGGGGCTTTCCCCAGCTCAACAGCGTGTGCGCTAGCCCGCTGATGCTGCTGCCACC
 GCCGCCGAGCTGTCTCTTTCTGCACCCGACGGCCAGCAGGTGCCCTACTACCTGGAGAACGAGCCC
 AGCGCCTACGCCGTGCGGACACCGGCCCTCCGCTTCTACAGGTCTAATTCTGACAATCGACGCCAGA
 ATGGCCGAGAGAGACTGTCCAGCAGTAACGAGAAAGAAACATGATCATGGAGTCTGCCAAGGAGACTCG
 CTACTGTGCCGTGTGAATGACTATGCCTCTGGCTACCATTATGGGGTCTGGTCTGCGAAGGCTGCAAG
 GCTTTCTTTAAGAGAAGCATTCAAGGACACAATGACTACATGTGTCCAGCTACAAACCAATGCACCATTG
 ACAAGAACCGGAGGAAGAGTTGCCAGGCCTGTCGGCTGCGCAAGTGTTACGAAGTGGCATGATGAAAGG
 CGGCATACGGAAGACCGCCGAGGAGGGAGAATGTTGAAGCACAGCGTCAGAGAGATGACTTGGAAGGC
 CGAAATGAAATGGGTGCTTCAGGAGACATGAGGGCTGCCAACCTTTGGCCAGCCCTCTTGATTAAGC
 ACATAAGAAGAATAGCCCTGCCTTGCTTGACAGCTGACCAGATGGTCAGTGCCTTGTTGGATGCTGA
 ACCGCCCATGATCTATTCTGAATATGATCCTTCTAGACCCTTCAGTGAAGCCTCAATGATGGGCTTATTG
 ACCAACCTAGCAGATAGGGAGCTGGTTCATATGATCAACTGGGCAAAGAGAGTGCAGGCTTTGGGGACT
 TGAATCTCCATGATCAGGTCCACCTTCTCGAGTGTGCTGGCTGGAGATTCTGATGATTGGTCTCGTCTG
 GCGCTCCATGGAACACCGGGGAAGCTCCTGTTTGTCTCCTAACTTGCTCCTGGACAGGAATCAAGGTAAA
 TGTGTGAAGGCATGGTGGAGATCTTTGACATGTTGCTGGCTACGTCAAGTCGGTTCGCATGATGAACC
 TGCAGGGAGAAGAGTTTGTGTCCTCAAATCCATCATTTTGCTTAATTCCGGAGTGACACGTTTCTGTC
 CAGCACCTTGAAGTCTCTGGAAGAGAAGGACCACATCCACCGTGTCTGGACAAGATCACAGACACTTTG
 ATCCACCTGATGGCCAAAGCTGGCCTGACTCTGCAGCAGCAGCATCGCCGCTAGCTCAGCTCCTTCTCA
 TTCTTTCCCATATCCGGCACATGAGTAACAAAGGCATGGAGCATCTCTACAACATGAAATGCAAGAACGT
 TGTGCCCTCTATGACCTGCTCCTGGAGATGTTGGATGCCACCGCCTTCATGCCCCAGCCAGTCGCATG
 GGAGTGCCCCCAGAGGAGCCAGCCAGCCAGCTGGCCACCACCAGCTCCACTTCAGCACATTCTTAC
 AAACCTACTACATACCCCGGAAGCAGAGGGCTTCCCCAACACGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MTMTLHTKASGMALLHQIQGNELEPLNRPQLKMPMERALGEVYVDNSKPTVFNYPEGAAYEFNAAAAAA
 AASAPVYQSGIAYGPGSEAAAFSANSLGAFPQLNSVSPSPLMLLHPPQLSPFLPHGQQVPYYLENEP
 SAYAVRDTGPPAFYRSNSDNRQNGRERLSSSNEKGNMIMESAKETRYCAVCNDYASGYHYGVWVSECGK
 AFFKRISIQGHNDYMPATNQCTIDKNRRKSCQACRLRKYEVGMMKGGIRKDRRGGRMLKHKRQRDDLEG
 RNEMGASGDMRAANLWPSPLVIKHTKKNSPALSLADQMVSALLDAEPPMIYSEYDPSRPFSEASMMGLL
 TNLADRELVHMINWAKRVPFGDLNLHDQVHLLCAWLEILMIGLVWRSMHPGKLLFAPNLLLDNRNQGK
 CVEGMVEIFDMLLATSSRFMMNLQGEFVCLKSIILLNSGVYTFLSSTLKSLEEKDHIHRVLDKITDTL
 IHLMAKAGLTLQQQHRRLAQLLLILSHIRHMSNKGMEHLYNMCKKNVPLYDLLEMLDAHRLHAPASRM
 GVPPEEPSQTLATTSSTSAHSLQTYIIPPEAEGFPNTI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_007956
ORF Size:	1797 bp
Buffer:	PBS with 0.001% Pluronic F4260
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_007956.4</u>
RefSeq Size:	4319 bp
RefSeq ORF:	1800 bp
Locus ID:	13982
UniProt ID:	<u>P19785</u>
Cytogenetics:	10 2.03 cM
MW:	67.4 kDa