

Product datasheet for **RC208915A1V**

Human NR1D1 (NM_021724) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NR1D1 (NM_021724) AAV Particle
Tag:	Myc-DDK
Symbol:	NR1D1
Synonyms:	ear-1; EAR1; hRev; REVERBA; REVERBalpha; THRA1; THRAL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208915 representing NM_021724
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGACGACCTGGACTCCAACAACAACACAGGTGGCGTCATCACCTACATTGGCTCCAGTGGCTCCTCCC
 CAAGCCGCACCGCCCTGAATCCCTCTATAGTGACAACCTCAATGGCAGCTTCCAGTCCCTGACCCAAGG
 CTGTCCCACTACTTCCACCATCCCCACTGGCTCCCTCACCCAAGACCCGGCTCGCTCCTTTGGGAGC
 ATTCCACCCAGCCTGAGTGATGACGGCTCCCCTTCTTCTCATCTTCTCGTCGTCATCTCCTCCTCTCT
 TCTATAATGGGAGCCCCCTGGGAGTCTACAAGTGGCCATGGAGGACAGCAGCCGAGTGTCCCCAGCAA
 GAGCACCAGCAACATACCAAGCTGAATGGCATGGTGTTACTGTGTAAGTGTGTGGGACGTTGCCTCG
 GGCTTCCACTACGGTGTGCACGCTGCGAGGGCTGCAAGGGCTTTTCCGTCGGAGCATCCAGCAGAACA
 TCCAGTACAAAAGGTGTCTGAAGAATGAGAATTGCTCCATCGTCCGCATCAATCGCAACCGCTGCCAGCA
 ATGTGCGTTCAAGAAGTGTCTCTGTGGCATGTCTCGAGACGCTGTGCGTTTGGGCGCATCCCCAAA
 CGAGAGAAGCAGCGGATGCTTGCTGAGATGCAGAGTGCCATGAACCTGGCCAACAACAGTTGAGCAGCC
 AGTGCCCGCTGGAGACTTACCCACCCAGCACCCACCCAGGCCCATGGGCCCTCGCCACCCCTGC
 TCCGGTCCCCTCACCCCTGGTGGGCTTCTCCAGTTTCCACAACAGCTGACGCCTCCCAGATCCCCAAGC
 CCTGAGCCACAGTGGAGGATGTGATATCCAGGTGGCCCGGGCCCATCGAGAGATCTTACCTACGCC
 ATGACAAGCTGGGAGCTCACCTGGCAACTTCAATGCCAACCATGCATCAGGTAGCCCTCCAGCCACCAC
 CCCACATCGTGGGAAAATCAGGGCTGCCACCTGCCCAATGACAACAACACCTTGGCTGCCAGCGT
 CATAACGAGGCCCTAAATGGTCTGCGCCAGGCTCCCTCCTCTACCCTCCCACCTGGCCTCCTGGCCCTG
 CACACCACAGCTGCCACCAGTCCAACAGCAACGGGCACCGTCTATGCCCAACCCAGTGTATGCAGCCCC
 AGAAGGCAAGGCACCTGCCAACAGTCCCGGCAGGGCAACTCAAAGAATGTTCTGCTGGCATGTCCTATG
 AACATGTACCCGCATGGACGCAGTGGGCGAACGGTGCAGGAGATCTGGGAGGATTTCTCCATGAGCTTCA
 CGCCCGCTGTGCGGGAGGTGGTAGATTTGCCAAACACATCCCGGGCTTCCGTGACCTTTCTCAGCATGA
 CCAAGTCAACCTGCTTAAGGCTGGCACCTTTGAGGTGCTGATGGTGGCTTTGCTTGTGTTCAACGTG
 AAGGACCAGACAGTGTGTTCTAAGCCGCACCACCTACAGCTGCAGGAGCTTGGTGCCATGGGCATGG
 GAGACCTGCTCAGTGCCATGTTGCACTCAGCGAGAAGCTCAACTCCCTGGCGCTTACCGAGGAGGAGCT
 GGGCCTCTTACCGCGGTGGTGTCTGTCTGCGAGCCGCTCGGGCATGGAGAATCCGCTTCGGTGGAG
 CAGCTCCAGGAGACGCTGCTGCGGGCTCTCGGGCTCTGGTGTGAAGAACCAGCCCTTGGAGACTTCCC
 GCTTACCAAGCTGCTGCTCAAGCTGCCGGACCTGCGGACCCTGAACAACATGCATTCCGAGAAGCTGCT
 GTCCTTCCGGGTGGACGCCCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTTLDNNNTGGVITYIGSSGSSPSRTSPESLYSDNSNGSFQSLTQGCPTYFPPSPTGSLTQDPARSFGS
 IPPSLSDDGSPSSSSSSSSSSSFYNGSPPSLQVAMEDSSRVSPSKSTSNITKLNGLVLLCKVCGDVAS
 GFHYGVHACEGCKGFFRRSIQQNIQYKRCLKNENCSIVRINRNCQQCRFKKCLSVGMSRDAVRFGRIPK
 REKQRLAEMQSAMNLANQLSSQCPLETSPTQHPTPGPMGPSPPAPVPSPLVGFSPFPQQLTPRSPS
 PEPTVEDVISQVARAHREIFTYAHDKLSSPGNFNANHASGSPATTTPHRWENQGCPPAPNDNNTLAAQR
 HNEALNGLRQAPSSYPPTWPPGPAHHSCHQSNNGHRLCPTHVYAAPEGKAPANSRQGNKSNVLLACPM
 NMPYHGRSGRTVQEIWEDFSMSFTPAVREVVEFAKHIPGFRDLQHDQVTLKAGTFEVLVRFASLQV
 KDQTVMFSLRRTYSLQELGAMMGDLLSAMFDFSEKLSLALTEELGLFTAVVLVSADRSKMENSASVE
 QLQETLLRALRALVLKNRPLETSRFTKLLKLPLDLRLNLMHSEKLLSFRVDAQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_021724
ORF Size:	1842 bp
Buffer:	PBS with 0.001% Pluronic F6344
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_021724.1</u>
RefSeq Size:	2768 bp
RefSeq ORF:	1845 bp
Locus ID:	9572
UniProt ID:	<u>P20393</u>
Cytogenetics:	17q21.1
MW:	66.6 kDa