

Product datasheet for **MR210125A1V**

Mouse Kirrel2 (NM_172898) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Kirrel2 (NM_172898) AAV Particle
Tag:	Myc-DDK
Symbol:	Kirrel2
Synonyms:	C330019F22Rik; NEPH3; NLG1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210125 representing NM_172898
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGCCTCCGCCCTCCTCGTTTTCTTTGCTGTTCAAAGGACATGCAGGCTCATCGCCCCATTTCC
 TACAACAGCCAGAGGACATGGTGGTGTGTTGGGGAGGAAGCCCGGCTGCCCTGCGCTCTGGGCGCGTA
 CAGGGGCTCGTGCACTGGACTAAGGATGGGCTGGCTCTAGGGGCGAAAGAGACCTTCCAGGTGGTCC
 CGGTACTGGATATCGGGGAATTCAGCCAGTGGCCAGCATGACCTCCACATTAAGCCTGTGGAATTGGAAG
 ATGAGGCATCGTATGAGTGCCAGGCTTCGAAGCAGGTCTCCGATCACGACCAGCCCACTGCACGTGAT
 GGTCCCCCAGAAGCTCCCCAGTACTAGGCGGCCCTCTGTGTCTCTGGTTGCTGGAGTTCTGGAAAT
 CTGACCTGTGCGAGTCTGGGGATTACGACCTGCCCTGAACCTACTGTGGTTCCGAGATGGGATCCGGC
 TGGATGGGAGCAGCTTCCACCAGACCAGCTGAAGGACAAGGCCACTGGAACAGTGAAAAACACCTTATT
 CCTGACCCCTTCCAGTCATGATGATGGTGCCACCTTGATCTGCAGAGCGGAAGCCAGGCCCTGCCACA
 GGGAGGGACACAGCTGTTACACTGAGCCTTCAGTATCCCCAATGGTGACTCTGTCTGCTGAGCCCCAGA
 CTGTGCAAGGAGGAGAGAAGGTGACTTTCTGTGTCAAGCCACTGCCAGCCTCCTGTCACTGGGTACAG
 GTGGGCGAAGGGGGATCCCCGGTGTGGGGCACGTGGGCCAAGGTTGGAGGTGCTGCAGATGCCACT
 TTCCTGACTGAGCCGGTGTCTGCGAGGTGAGCAACGCGGTGCGAAGCGCAACCGCAGCACCGCGCTGG
 AAGTGTGTATGGACCATTTCTGAGGCAAACTAAGTCCGTGTCCGTGGACGTGGGGAAGATGCCTC
 CTTAGCTGTGTCTGGCGCGGAACCACTTCCACGGATAACCTGGACCCGCATGGGTGGCTCTCAGGTG
 CTGAGCTCCGGGCCACGCTGCGGCTTCCGTCCGTGGCACTGGAGGATCGGGCGACTATGTATGAGGG
 CTGAGCCGAGGAGAAGCGGTCTGGGAGCGGCAAGCGCAGGCGAGGCTGACTGTGAACGCACCCCTGT
 AGTGACAGCCCTGCAACCTGCACACGCTTTCTGAGGGGTCCTGCTCGCCTCCAGTGTGTGGTGTGGTGC
 TCCCCTGCCCCAGACTCGGTGGTTTGGTCTTGGGACGAGGCTTCTTGGAGGCGAGGCTCACTGGGCAAGT
 TCCTAGTGAAGCCTTCCAGCCCCGGAAGTGGAGGGGGACAGGGCCCTGGCCTTATTTCTGTGCTACA
 CATTTCCGGAACCCAGGAGTCCGACTTTACCACCGGCTTCAACTGCAGTGCCCGCAACCGGCTAGGAGAG
 GGACGAGTCCAGATCCACTTGGGCCGTAGAGACTTGTGCCTACTGTCCGGATTGTGGCTGGTGCAGCAT
 CTGCAGCCACCTCTCTCTTATGGTCATCACTGGAGTGGTCTCTGCTGCTGGCGCCATGGCTCTCTCTC
 TAAGCAAAAGAACTTGGTCCGGATCCCAGGAAGCAGCGAGGGTCCAGTTCACGTGGCCCTGAGGAGGAG
 ACAGGCAGCAGTGAGGACCGGGTCCCATTGTGCACACCGACCACAGTGATTTGGTTCTTGAGGAAAAAG
 AGGCTCTGGAGACAAAGGATCCAACCAACGTTACTACAGGGTTCGAGGGGTGAGTGTGAGCCTTAGCCT
 TGGGGAAGCTCCTGGAGGAGGCCTCTTCTTGCACCGCCCTCTCCGATCGGTCTCCAGGGAAGTCTACT
 TACTATGACTTCAAGCCACATCTGGACTTAGTCCCTCCCTGCAGACTGTACAGAGCGAGGGCAGGTTATC
 TTACCACCCCATCCCCGTGCCTTACCAGCTACATGAAACCCACATCCTTTGGACCCCAAGATTGAG
 CTCTGGAATCCCCCTTCCCGTATGCTACCTTGTCTCCACCCAGCCACCAGCGTCTCCAGACTCATGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210125 representing NM_172898 Red=Cloning site Green=Tags(s) MLASALLVFLCCFKGHAGSSPHFLQQPEDMVLLGEEARLPCALGAYRGLVQWTKDGLALGGERDLPGWS RYWISGNSASGQHDHLIKPVELEDEASYECQASQAGLSRPAQLHVMVPPEAPQVLGGPSVSLVAGVPGN LTCRSRGDSRPAPELLWFRDGIKLDGSSFHQTTLKDKATGTVENTLFLTPSSHDDGATLICRARSQALPT GRDTAVTLSLQYPPMVTLSAEPQTVQEGEKVTFQCQATAQPPVTGYRWAKGGSPVLGARGPRLEVADAT FLTEPVSCVSNVAVGSANRSTALEVLYGPILQAKPKSVSDVGKDAFSCVWRGNPLPRITWTRMGGSQV LSSGPTLRLPSVALEDAGDYVCRAEPRRTGLGGKAQARLTVNAPPVVTALQPAPAFLRGPRLQCQVFA SPAPDSVVWSWDEGFLEAGSLGRFLVEAFPAPVEVEGGQGPGLISVLHISGTQESDFTTGFNCSARNRLGE GRVQIHLGRRDLLPTVRIVAGAASAATSLLMVITGVVLCWRHGSLSKQKNLVRIPGSSEGSSSRGPEEE TGSSSEDRGPIVHTDHSIDLVEEKEALETKDPTNGYYRVRGVSVSLSLGEAPGGGLFLPPPSPIGLPGTPT YYDFKPHLDLVPPCRLYRARAGYLTTPHPRAFTSYMKPTSFGPPELSSGTPPFYATLSPPSHQRLQTHV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_172898
ORF Size:	2100 bp
Buffer:	PBS with 0.001% Pluronic F1223
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_172898.3, NP_766486.1</u>
RefSeq Size:	3122 bp
RefSeq ORF:	2103 bp
Locus ID:	243911
UniProt ID:	<u>Q7TSU7</u>
Cytogenetics:	7 B1
MW:	75 kDa