

Product datasheet for **RC216614A1V**

Human NPRL3 (NM_001077350) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NPRL3 (NM_001077350) AAV Particle
Tag:	Myc-DDK
Symbol:	NPRL3
Synonyms:	C16orf35; CGTHBA; FFEVF3; HS-40; MARE; NPR3; RMD11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216614 representing NM_001077350
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCGGGACAACACCAGCCCCATCAGCGTGATTCTGGTGAGCTCGGGAGCAGGGCAATAAGCTGCTGT
 TCAGGTACCCCTTCCAGAGAAGCCAGGAGCACCCGGCGTCCAGACAAGTAAGCCGCGTAGCAGATACGC
 TGCCAGCAACACGGGCGACCATGCTGATGAGCAGGACGCGATTCCAGGTTTTAGATGTTATTCTGGCA
 ACAATTTTGGCAACCAAGTCTGAAATGTGTGGCAAAAAATTTGAACTGAAGATTGATAATGTGCGATTTG
 TTGGGCACCAACTGCTACAGCATGCTCTGGGCAGATCTCCAAACAGATCCTTCCCCGAAGAGGGA
 AGCACCTACTATGATTCTTTTAAATGTGGTGTTCGACTGAGGGCCAACGCAGACCCGTCAGTGATAAAC
 TGTCTGCATAACCTGTCCCGTCGATCGCCACCGTCTGCAGCAGGAGCGCCGCTGCCAGTACCTCA
 CCCGGGAGGCCAAGTGATCCTGGCGCTCCAGGATGAGGTGTCCGCCATGGCTGATGAAATGAAGTCC
 TCAGTCCCCATTCCATCACATCTGCCAAGTGAAGCTGGCCAGGGACCTCAAGGAAGCTTATGACAGC
 CTGTGCACGTCGGGCGTAGTTTCGGCTTACATCAACAGCTGGCTGGAGGTGAGCTTCTGCTGCCCCACA
 AGATCCACTATGCGGCCCTCAGTCTGATCCCCCAGAGGCCATCGAACGAGCGCTGAAAGCCATCCGCC
 CTACCATGCCCTGCTGCTGCTCAGTGATGAGAAGTCTTGCTGGGTGAGCTTCTATTGACTGCTCCCT
 GCCCTAGTGCGGGTGATCAAGACCACATCTGCTGTGAAGAACCTGCAGCAGTAGCCCAAGATGCGGACC
 TGGCCTTGCTGCAGGTTTTCCAGCTTGACGTCATCTGGTGTACTGGGCAAGGCCATCATCATACCC
 GCTGTGTGAGAACACGTCTACATGCTGTCTCCAATGCCAGCGTATGTCTGTACTCCCCGCTGGCCGAG
 CAGTTCTCCACAGTTCCCATCTCATGACCTGCCGTCGTTCTTGCCAAGTTCTCTTGCCGGTCTCT
 TGTGAGAATTTAGGAATCCCCTGGCCCCGCTGTGCAGGAGACCCAGCTCATCCAGATGGTGGTGTGGAT
 GCTGCAGCGCCGCTTCTCATCCAGCTGCACACCTATGTCTGCCTGATGGCCTACCCAGCGAGGAGGAG
 CCCCCTCCGCGAGAGGACGACGTCCTTCACTGCCCGGGTCGGCGGTGCGAGCCTCAGCACGCCAACG
 CCCTCAGCTTTGGCTCCCAACAGCAGCGATGACATGACCCTCACCAGCCCAGCATGGACAACCTCAG
 CGCAGAGCTACTTCCAGCGGGGACTCGCCACTGAACCAGAGGATGACGAGAACCTGCTGGCCAGCCTG
 TCGGAGCATGAACGCGCAGCCATCCTCAGTGTACCCGAGCCAGAACCTGAGGACCTCCGCATGTTTG
 CCAGGCTCCTTCACTACTTCCGCGGCCGCCACCTGGAGGAGATTATGTACAACGAGAACACGCGGCG
 CTCCAGCTGCTCATGCTGTTTGACAAGTTCGCAGCGTGCTGGTGGTGACCACCCACGAGGACCTGTC
 ATTGCCGTCTTCCAGGCTCTGCTCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216614 representing NM_001077350
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MRDNTSPISVILVSSGSRGNKLLFRYPFQRSQEHASQTSKPRSRYAASNTGDHADEQDGDSRFSVDVILA
 TILATKSEMCGQKFEKIDNVRFVGHPTLLQHALGQISKTDPSPKREAPTMIILFNVVFALRANADPSVIN
 CLHNLRRRIATVLQHEERRCQYLTREAKLILALQDEVSAMADGNEGPQSPFHILPKCKLARDLKEAYDS
 LCTSGVRLHINSWLEVSFCLPHKIHYAASSLIPPEAIERSLKAIRPYHALLLLSDKSLLGELPIDCSP
 ALVRVIKTTSAVKNLQQLAQDADLALLQVFLAAHLVYWGKAIIYPLCENNVYMLSPNASVCLYSPLAE
 QFSHQFPSHDLPSVLAKFSLPVSLSEFRNPLAPAVQETQLIQMVVWMLQRLLIQLHTYVCLMASPSEEE
 PRPREDDVPFTARVGGRLSTPNALSFGSPTSSDDMTLTSPSMDNSSAELLPSGDSPLNQRMENLLASL
 SEHERAAILSVPAQNPEDLRMFARLLHYFRGRHLEEIMYNENTRRSQLLMLFDKFRSVLVTTTHEDPV
 IAVFQALLP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001077350
ORF Size:	1707 bp
Buffer:	PBS with 0.001% Pluronic F7561
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_001077350.1</u>
RefSeq Size:	2713 bp
RefSeq ORF:	1710 bp
Locus ID:	8131
UniProt ID:	<u>Q12980</u>
Cytogenetics:	16p13.3
MW:	63.4 kDa