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Product datasheet for MR230740A1V

Mouse Rnf112 (NM_001291024) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Rnf112
Synonyms:	bfp; neurolastin; Zfp179; ZNF179
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>MR230740 representing NM_001291024
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGAGGCCCGTCCTGTCAGTCACTGCTTTTTGTCATCGGCTTGGCAAACGGGAGAGCAAACGAAGCT
TCATGGGAAACAGCAGCAACAGTTGGTCCCATGCATCATTCCCCAAGCTGGAGCTGGGCCTGGGACACCG
TCCCTCCCCAACCCGGGAGCCGCCCACCTGCTCCATCTGTCTGGAAAGGCTTCGAGAGCCCATCTCGCTG
GACTGTGGCCATGACTTCTGCATCCGATGCTTCAGCACACACCGCATCCCAGGCTGTGAGCTACCATGCT
GTCCTGAATGCCGGAAGATCTGTAAGCAAAGGAAGGGCCTCCGCAGTCTAGGGGAAAGGATGAAACTCCT
ACCACAGCGGCCACTGCCCCCTGCACTGCAGGAGACCTGTGCTGTGAGGGCAGAACGTCTGCTGTTGGTA
CGAATCAATGCCTCCGGAGGCCTCATCCTCAGGATGGGCGCCATAAACCGTTGCCTGAAGCATCCACTGG
CCAGGGACACACCCGTCTGCTTATTGGCTGTCCTGGGAGAGCAGCACTCAGGAAAGTCCTTCCTTTTGGA
CCACTTGCTCAGTGGCTTACCAAGCCTGGAATCTGGTGACAGCGGCAGGCCCAGAGCAGAGGGGTCTCTG
CCTGGGATCAGATGGGGCGCTAACGGCCTCACGAGGGGTATCTGGATGTGGAGTCACCCCTTCCTGCTGG
GAAAAGAGGGGAAGAAGGTGGCTGTGTTCTTAGTGGACACGGGGGATGTCATGAGCCCAGAACTGAGCAA
GGAGACAAGGGTCAAGCTCTGTGCTCTCACCATGATGCTCAGTTCCTACCAGATCCTGAATACCTCCCAA
GAGCTGAAGGATACCGATCTGGGCTATCTAGAGATGTTCGTTCACGTGGCTGAGGTGATGGGCAAACATT
ATGGGATGGTACCAATCCAGCATCTGGATCTCTTAGTCCGAGACTCTTCCCATCATAATAAGTCAGGGCA
AGGGCACGTGGGTGACATACTCCAGAAGCTGTCCGGCAAATACCCCAAGGTCCAGGAGCTGCTCCTCGGG
AAACGGGCCCGCTGTTACCTCCTCCCTGCTCCTGAGAGGCAGTGGGTAAACAAAGACCAAGCCAGCCCCA
GAGGCAACACAGAAGATGACTTCTCCCACCATTTCCGGGCCTACATCTTGGACGTGCTGAGCACAGCCCC
TCAGCACGCTAAGAGCCGCTGTCAAGGGTACTGGAGTGAGGGGCGTGCCGTGGCCAGGGGAGACAGACGC
CTGCTCACAGGGCAGCAGCTAGCACAGGAGATCAAGAATCTCTCTGGCTGGATGGGGAAGACTGGGCCCA
GTTTCAACTCTCCTGATGAGATGGCTGCTCAGCTCCATGATCTGAGGAAAGTGGAAGCCGCCAAGAAGGA
GTTCGAGGAGTACGTGAGACAGCAGGACATAGCCACCAAGCGCATCTTCTCTGCACTACGAGTCCTGCCT
GACACGATGAGGAACCTCCTCTCTACCCAGAAGGATGCCATCTTGGCCCGCCATGGTGTGGCCCTGTTGT
GCAAGGAGAGAGAGCAGACCTTGGAGGCCCTGGAAGCCGAGCTGCAGGCAGAAGCCAAGGCCTTCATGGA
CTCCTACACAATGCGCTTCTGTGGCCACCTGGCCGCGGTAGGGGGCGCTGTAGGTGCTGGGCTCATGGGC
CTGGCAGGGGGTGTGGTGGGCGCAGGCATGGCAGCAGCGGCGTTGGCTGCTGAGGCTGGGATGGTAGCAG
CTGGGGCCGCGGTGGGGGCCACCGGGGCTGCTGTGGTTGGGGGTGGTGTGGGTGCTGGTCTGGCCGCCAC
TGTGGGCTGCATGGAGAAAGAGGAAGATGAGAGAGTTCAAGGAGGGGACCGAGAGCCCCTACTCCAGGAG
GAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230740 representing NM_001291024
Red=Cloning site Green=Tags(s)

MPRPVLSVTAFCHRLGKRESKRSFMGNSSNSWSHASFPKLELGLGHRPSPTREPPTCSICLERLREPISL
DCGHDFCIRCFSTHRIPGCELPCCPECRKICKQRKGLRSLGERMKLLPQRPLPPALQETCAVRAERLLLV
RINASGGLILRMGAINRCLKHPLARDTPVCLLAVLGEQHSGKSFLLDHLLSGLPSLESGDSGRPRAEGSL
PGIRWGANGLTRGIWMWSHPFLLGKEGKKVAVFLVDTGDVMSPELSKETRVKLCALTMMLSSYQILNTSQ
ELKDTDLGYLEMFVHVAEVMGKHYGMVPIQHLDLLVRDSSHHNKSGQGHVGDILQKLSGKYPKVQELLLG
KRARCYLLPAPERQWVNKDQASPRGNTEDDFSHHFRAYILDVLSTAPQHAKSRCQGYWSEGRAVARGDRR
LLTGQQLAQEIKNLSGWMGKTGPSFNSPDEMAAQLHDLRKVEAAKKEFEEYVRQQDIATKRIFSALRVLP
DTMRNLLSTQKDAILARHGVALLCKEREQTLEALEAELQAEAKAFMDSYTMRFCGHLAAVGGAVGAGLMG
LAGGVVGAGMAAAALAAEAGMVAAGAAVGATGAAVVGGGVGAGLAATVGCMEKEEDERVQGGDREPLLQE
E

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

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Serotype:	AAV-2
ACCN:	NM_001291024
ORF Size:	1893 bp
Buffer:	PBS with 0.001% Pluronic F4518
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:	NM_001291024.1, NP_001277953.1
RefSeq Size:	3029 bp
RefSeq ORF:	1896 bp
Locus ID:	22671
UniProt ID:	Q96DY5
Cytogenetics:	11 37.96 cM
MW:	69.2 kDa

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