

Product datasheet for **RC205883A1V**

Human NF2 (NM_000268) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NF2 (NM_000268) AAV Particle
Tag:	Myc-DDK
Symbol:	NF2
Synonyms:	ACN; BANF; merlin-1; SCH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205883 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCCGGGGCCATCGCTTCCCGCATGAGCTTCAGCTCTCTCAAGAGGAAGCAACCCAAGACGTTACCG
 TGAGGATCGTCACCATGGACGCCGAGATGGAGTTCAATTGCGAGATGAAGTGAAAGGGAAGGACCTCTT
 TGATTTGGTGTGCCGACTCTGGGGCTCCGAGAAACCTGGTTCTTTGGACTGCAGTACACAATCAAGGAC
 ACAGTGGCCTGGCTCAAATAGACAAGAAGGTAAGTGGATCATGATGTTTCAAAGGAAGAACAGTCACCT
 TTCCTTCTTGCCAAATTTTATCCTGAGAATGCTGAAGAGGAGCTGGTTCAGGAGATCACACAACATTT
 ATTCTTCTACAGGTAAGAAGCAGATTTTAGATGAAAAGATCTACTGCCCTCTGAGGCTTCTGTGCTC
 CTGGCTTCTTACGCCGTCCAGGCCAAGTATGGTACTACGACCCAGTGTTCACAAGCGGGGATTTTGG
 CCCAAGAGGAATTGCTTCCAAAAAGGTAAATAATCTGTATCAGATGACTCCGGAATGTGGGAGGAGAG
 AATTACTGCTTGGTACGCAGAGCACCGAGGCCGAGCCAGGGATGAAGCTGAAATGGAATATCTGAAGATA
 GCTCAGGACCTGGAGATGTACGGTGTGAATACTTTGCAATCCGGAATAAAAAGGACACAGAGCTGCTGC
 TTGGAGTGGATGCCCTGGGGCTTACATTTATGACCCTGAGAACAGACTGACCCCAAGATCTCCTTCCC
 GTGGAATGAAATCCGAAACATCTCGTACAGTGACAAGGAGTTTACTATTAACCACTGGATAAGAAAATT
 GATGTCTTCAAGTTTAACTCCTCAAAGCTTCGTGTTAATAAGCTGATTCTCCAGCTATGTATCGGGAACC
 ATGATCTATTTATGAGGAGAAGGAAAGCCGATTCTTTGGAAGTTCAGCAGATGAAAGCCAGGCCAGGGA
 GGAGAAGGCTAGAAAGCAGATGGAGCGGCAGCGCTCGCTCGAGAGAAGCAGATGAGGGAGGAGGCTGAA
 CGCAGCAGGGATGAGTTGGAGAGGAGGCTGCTGCAGATGAAAGAAGAAGCAACAATGGCCAACGAAGCAC
 TGATCGGCTCTGAGGAGACAGCTGACCTGTTGGCTGAAAAGGCCAGATCACCGAGGAGGAGGCAAACT
 TCTGGCCAGAAAGGCCGAGAGGCTGAGCAGGAAATGCAGCGCATCAAGGCCACAGCGATTTCGCACGGAG
 GAGGAGAAGCGCTGATGGAGCAGAAGGTGCTGGAAGCCGAGGTGCTGGCACTGAAGATGGCTGAGGAGT
 CAGAGAGGAGGCCAAAGAGGCAGATCAGCTGAAGCAGGACCTGCAGGAAGCACGCGAGGCGGAGCGAAG
 AGCCAAGCAGAAGCTCCTGGAGATTGCCACCAAGCCACGTACCCGCCCATGAACCAATTCCAGCACCG
 TTGCCTCTGACATACCAAGCTTCAACCTCATTGGTGACAGCCTGTCTTTCGACTTCAAAGATACTGACA
 TGAAGCGGCTTCCATGGAGATAGAGAAAGAAAAGTGAATACATGAAAAGAGCAAGCATCTGCAGGA
 GCAGCTCAATGAACTCAAGACAGAAATCGAGGCCTTGAAGTGAAGAGAGGGAGACAGCTCTGGATATT
 CTGCACATGAGAACTCCGACAGGGGTGGCAGCAGCAAGCACAATACCATTAAAAAGCTCACCTGCAGA
 GCGCAAGTCCCAGTGGCCTTCTTTGAAGAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205883 protein sequence
 Red=Cloning site Green=Tags(s)

MAGAIASRMSFSSLKRKQPKTFTVRIVTMDAEMEFNCEMKWKGDLDLVCRTLGLRETWFFGLQYTIKD
 TVAWLKIDKKVLDHVDVSKEEPVTFHFLAKFYPENAEELVQEITQHLFFLQVKKQILDEKIYCPPEASVL
 LASAYAVQAKYGDYDPSVHKRGFLAQEELLPKRVINLYQMTPEMWEERITAWYAEHRGRARDEAE MEYLKI
 AQDLEMYGVNYFAIRNKKGTELLLVGDALGLHIYDPENRLTPKISFPWNEIRNISYSDEFTIKPLDKKI
 DVFKFNSSKL RVNKLILQLCIGNHDLFMRRRKADSLEVQMKQAAREEKARKQMERQRLAREQMREEAE
 RTRDELERRLLQMKEEATMANEALMRSEETADLLAEKAQITEEEAKLLAQKAAEAQEMQRIKATAIRTE
 EEKRLMEQKVLAEVLALKMAEESERRAKEADQLKQDLQEAAREARRAKQKLEIATKPTYPMPNPAP
 LPPDIPSFNLIGDSL SFDKDTDMKRLSMEIEKEKVEYMEKSKHLQEQLNELKTEIEALKKERETALDI
 LHNENSDRGSSKHNTIKKLTLSAKSRVAFFEEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_000268
ORF Size:	1785 bp
Buffer:	PBS with 0.001% Pluronic F5782
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_000268.2</u>
RefSeq Size:	6046 bp
RefSeq ORF:	1788 bp
Locus ID:	4771
UniProt ID:	<u>P35240</u>
Cytogenetics:	22q12.2
MW:	69.7 kDa