

Product datasheet for **RC200690A1V**

Human NF2 (NM_181830) AAV Particle

Product data:

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



ORF Nucleotide Sequence: >RC200690 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCCGGGGCCATCGCTTCCCGCATGAGCTTCAGCTCTCTCAAGAGGAAGCAACCCAAGACGTTACCCG
 TGAGGATCGTCACCATGGACGCCGAGATGGAGTTCAATTGCGAGGTAAAGAAGCAGATTTTAGATGAAAA
 GATCTACTGCCCTCCTGAGGCTTCTGTGCTCCTGGCTTCTACGCCGTCAGGCCAAGTATGGTGACTAC
 GACCCCACTGTTCAACAAGCGGGGATTTTGGCCCAAGAGGAATTGCTTCCAAAAAGGGTAATAAATCTGT
 ATCAGATGACTCCGGAATGTGGGAGGAGAGAATTACTGCTTGGTACGCAGAGCACCAGGCCGAGCCAG
 GGATGAAGCTGAAATGGAATATCTGAAGATAGCTCAGGACCTGGAGATGTACGGTGTGAACACTCTTGCA
 ATCCGGAATAAAAAGGGCACAGAGCTGCTGCTTGGAGTGGATGCCCTGGGGCTTACATTTATGACCCTG
 AGAACAGACTGACCCCAAGATCTCCTTCCCGTGAATGAAATCCGAAACATCTCGTACAGTGACAAGGA
 GTTTACTATTAACCCTGGATAAGAAAAATTGATGCTTCAAGTTTAACTCCTCAAAGCTTCGTGTTAAT
 AAGCTGATTCTCCAGCTATGTATCGGAACCATGATCTATTTATGAGGAGAAGGAAAGCCGATTCTTTGG
 AAGTTCAGCAGATGAAAGCCCAGGCCAGGGAGGAGAAGGCTAGAAAGCAGATGGAGCGGCAGCGCCTCGC
 TCGAGAGAAGCAGATGAGGGAGGAGGCTGAACGCACGAGGGATGAGTTGGAGAGGAGGCTGCTGCAGATG
 AAAGAAGAAGCAACAATGGCCAACGAAGCACTGATGCGGTCTGAGGAGACAGCTGACCTGTTGGCTGAAA
 AGGCCCAGATCACCGAGGAGGAGGCAAACTTCTGGCCCAAGAGCCGAGAGGCTGAGCAGGAAATGCA
 GCGCATCAAGGCCACAGCGATTGCGACGGAGGAGGAGAAGCGCCTGATGGAGCAGAAGGTGCTGGAAGCC
 GAGGTGCTGGCACTGAAGATGGCTGAGGAGTCAAGAGGAGGGCCAAAGAGGCAGATCAGCTGAAGCAGG
 ACCTGCAGGAAGCAGCGAGGCGGAGCGAAGAGCAAGCAGAAGCTCCTGGAGATTGCCACCAAGCCAC
 GTACCCGCCATGAACCCAATTCCAGCACCCTTGCCTCCTGACATACCAAGCTTCAACCTCATTGGTGAC
 AGCCTGTCTTTCGACTTCAAAGATACTGACATGAAGCGGCTTCCATGGAGATAGAGAAAGAAAAAGTGG
 AATACATGGAAGAGCAAGCATCTGCAGGAGCAGCTCAATGAACTCAAGACAGAAATCGAGGCCTTGAA
 ACTGAAAGAGAGGAGACAGCTCTGGATATTCTGCACAATGAGAACTCCGACAGGGGTGGCAGCAGCAAG
 CACAATACCATTAAGCCCTCAAGCCCAAGCAGAAGACCTATCTGCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200690 protein sequence
 Red=Cloning site Green=Tags(s)

MAGAIASRMSFSSLKRKQPKTFTVRIVTMDAEMEFNCEVKKQILDEKIYCPPEASVLLASYAVQAKYGDY
 DPSVHKRGFLAQEELLPKRVINLYQMTPEMWEERITAWYAEHRGRARDEAEMEYLKIAQDLEMYGVNYFA
 IRNKKGTLELLGVDALGLHIYDPENRLTPKISFPWNEIRNISYSDEFTIKPLDKKIDVFKFNSSKLRVN
 KLILQLCIGNHDLFMRRRKADSLEVQMKQAQAREEKARKQMERQRLAREKQMRREEAERTRDELERLLQM
 KEEATMANEALMRSEETADLLAEKAQITEEEAKLLAQKAAEAQEMQRIKATAIRTEEEKRLMEQKVL
 EVLALKMAEESERRAKEADQLKQDLQEAERAKQKLEIATKPTYPPMNPAPLPDPDIPSFNLIGD
 SLSDFKDMDMKRLSMEIEKEKVEYMEKSKHLQEQNLKTEIEALKLKERETALDILHNENSDRGSSK
 HNTIKKPQAQGRPIC

TRTRPLE**QKLI**SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_181830
ORF Size: 1521 bp
Buffer: PBS with 0.001% Pluronic F68

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_181830.1
RefSeq Size:	5842 bp
RefSeq ORF:	1524 bp
Locus ID:	4771
UniProt ID:	P35240
Cytogenetics:	22q12.2
MW:	59.1 kDa