

Product datasheet for **RC225899A1V**

Human NCF2 (NM_001127651) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NCF2 (NM_001127651) AAV Particle
Tag:	Myc-DDK
Symbol:	NCF2
Synonyms:	NCF-2; NOXA2; P67-PHOX; P67PHOX
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC225899 representing NM_001127651
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTCCCTGGTGGAGGCCATCAGCCTCTGGAATGAAGGGGTGCTGGCAGCGGACAAGAAGGACTGGAAGG
 GAGCCCTGGATGCCTTCAGTGCCGTCCAGGACCCCACTCCCGATTTGCTTCAACATTGGCTGCATGTA
 CACTATCCTGAAGAACATGACTGAAGCAGAGAAGGCCCTTACCAGAAGCATTAAACCGAGACAAGCACTTG
 GCAGTGGCTTACTTCCAACGAGGGATGCTCTACTACCAGACAGAGAAATATGATTTGGCTATCAAAGACC
 TTAAAGAAGCCTTGATTAGCTTCGAGGGAACAGCTGATAGACTATAAGATCCTGGGGCTCCAGTTCAA
 GCTGTTTGCTGTGAGGTGTTATATAACATTGCTTTCATGTATGCCAAGAAGGAGGAATGGAAAAAGCT
 GAAGAACAGTTAGCATTGGCCACGAGCATGAAGCTGAGCCAGACATTCCAAAATCGACAAGGCGATGG
 AGTGTGTCTGGAAGCAGAAGCTATATGAGCCAGTGGTATCCCTGTGGGAGGCTGTTTCGACCAATGA
 GAGACAAGTGGCTCAGCTGGCCAAGAAGGATTACCTAGGCAAGGCAACGGTCGTGGCATCTGTGGTGGAT
 CAAGACAGTTTCTCTGGGTTTGCCCTCTGCAACCACAGGCAGCTGAGCCTCCACCCAGACCGAAACCC
 CAGAGATCTTCAGGGCTCTGGAAGGGGAGGCTCACCGTGTGCTATTTGGGTTTGTGCTGAGACAAAAGA
 AGAGCTCCAGGTCATGCCAGGGAACATTGTCTTTGCTTGAAGAAGGGCAATGATAACTGGGCCACGGTC
 ATGTTCAACGGGCAGAAGGGGCTTGTTCCCTGCAACTACCTTGAACAGTTGAGCTGCGGATCCACCCCTC
 AGCAGCAGCCCCAGGAGGAAAGCTCTCCGAGTCCGACATCCAGCTCCTCCTAGTTCCAAAGCCCTGG
 AAGACCCAGCTGTACCAGGCCAGAAACAAAAGAAGAGCCTAAGGAAGTGAAGCTCAGTGTCCCATG
 CCCTACACACTCAAGGTGCACTACAAGTACACGGTAGTCATGAAGACTCAGCCCGGGCTCCCTACAGCC
 AGGTCCGGGACATGGTGTCTAAGAAACTGGAGCTCCGGCTGGAACAACTAAGCTGAGCTATCGGCCTCG
 GGACAGCAATGAGCTGGTGCCCTTTTCAAGACAGCATGAAGGATGCCTGGGGCCAGGTGAAAAACTAC
 TGCCTGACTCTGTGGTGTGAGAACACAGTGGGTGACCAAGGCTTTCAGATGAACCCAAGGAAAGTGAAA
 AAGCTGATGCTAATAACCAGACAACAGAACCTCAGCTTAAGAAAGGCAGCAAGTGGAGGCACTCTTCAG
 TTATGAGGCTACCAACCAGAGGACCTGGAGTTTCAGGAAGGGGATATAATCCTGGTGTATCAAAGGTG
 AATGAAGAATGGCTGGAAGGGGAGTGCAAAGGGAAGGTGGGCATTTTCCCAAAGTTTTTGTGAAGACT
 GCGCAACTACAGATTTGGAAAGCACTCGGAGAGAAGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSLVEAISLWNEGVLAADKKDWKGALDAFSAVQDPHSRICFNIGCMYILKNMTEAEKAFTRSINRDKHL
 AVAYFQRGMLYYQTEKYDLAIKDLKEALIQLRGNQLIDYKILGLQFKLFACEVLYNIAFMYAKKEEWKKA
 EEQLALATSMKSEPRHSKIDKAMECVWKQKLYEPVVIPVGRFRPNERQVAQLAKKDYLGKATTVASVVD
 QDSFSGFAPLQPQAAEPPRPKTPEIFRALEGEAHRVLFVGFVPETKEELQVMPGNIVFVLKKGNDNWATV
 MFNGQKGLVPCNYLEPVELRIHPQQQPQEESSPQSDIPAPPSSKAPGRPQLSPGQKQKEEPKEVKLSVPM
 PYTLKVHYKYTVVMKTPGLPYSQVRDMVSKLELRLEQTKLSYRPRDSNELVPLSEDSMKDAWGQVKNY
 CLTLWCENTVGQGFDPPEKSEKADANNQTTEPQLKKGQSVEALFSYEATQPEDLEFQEGDIILVLSKV
 NEEWLEGECKGKVGIFPKVFVEDCATTDLESTRREV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001127651

ORF Size:

1578 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:	<u>NM_001127651.1</u>
RefSeq ORF:	1581 bp
Locus ID:	4688
UniProt ID:	<u>P19878</u>
Cytogenetics:	1q25.3
MW:	59.6 kDa