OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC200704A1V

Human NCF2 (NM_000433) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NCF2 (NM_000433) 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:

>RC200704 representing NM_000433
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCCTGGTGGAGGCCATCAGCCTCTGGAATGAAGGGGTGCTGGCAGCGGACAAGAAGGACTGGAAGG
GAGCCCTGGATGCCTTCAGTGCCGTCCAGGACCCCCACTCCCGGATTTGCTTCAACATTGGCTGCATGTA
CACTATCCTGAAGAACATGACTGAAGCAGAGAAGGCCTTTACCAGAAGCATTAACCGAGACAAGCACTTG
GCAGTGGCTTACTTCCAACGAGGGATGCTCTACTACCAGACAGAGAAATATGATTTGGCTATCAAAGACC
TTAAAGAAGCCTTGATTCAGCTTCGAGGGAACCAGCTGATAGACTATAAGATCCTGGGGCTCCAGTTCAA
GCTGTTTGCCTGTGAGGTGTTATATAACATTGCTTTCATGTATGCCAAGAAGGAGGAATGGAAAAAAGCT
GAAGAACAGTTAGCATTGGCCACGAGCATGAAGTCTGAGCCCAGACATTCCAAAATCGACAAGGCGATGG
AGTGTGTCTGGAAGCAGAAGCTATATGAGCCAGTGGTGATCCCTGTGGGCAGGCTGTTTCGACCAAATGA
GAGACAAGTGGCTCAGCTGGCCAAGAAGGATTACCTAGGCAAGGCAACGGTCGTGGCATCTGTGGTGGAT
CAAGACAGTTTCTCTGGGTTTGCCCCTCTGCAACCACAGGCAGCTGAGCCTCCACCCAGACCGAAAACCC
CAGAGATCTTCAGGGCTCTGGAAGGGGAGGCTCACCGTGTGCTATTTGGGTTTGTGCCTGAGACAAAAGA
AGAGCTCCAGGTCATGCCAGGGAACATTGTCTTTGTCTTGAAGAAGGGCAATGATAACTGGGCCACGGTC
ATGTTCAACGGGCAGAAGGGGCTTGTTCCCTGCAACTACCTTGAACCAGTTGAGCTGCGGATCCACCCTC
AGCAGCAGCCCCAGGAGGAAAGCTCTCCGCAGTCCGACATCCCAGCTCCTCCTAGTTCCAAAGCCCCTGG
AAGACCCCAGCTGTCACCAGGCCAGAAACAAAAAGAAGAGCCTAAGGAAGTGAAGCTCAGTGTTCCCATG
CCCTACACACTCAAGGTGCACTACAAGTACACGGTAGTCATGAAGACTCAGCCCGGGCTCCCCTACAGCC
AGGTCCGGGACATGGTGTCTAAGAAACTGGAGCTCCGGCTGGAACAAACTAAGCTGAGCTATCGGCCTCG
GGACAGCAATGAGCTGGTGCCCCTTTCAGAAGACAGCATGAAGGATGCCTGGGGCCAGGTGAAAAACTAC
TGCCTGACTCTGTGGTGTGAGAACACAGTGGGTGACCAAGGCTTTCCAGATGAACCCAAGGAAAGTGAAA
AAGCTGATGCTAATAACCAGACAACAGAACCTCAGCTTAAGAAAGGCAGCCAAGTGGAGGCACTCTTCAG
TTATGAGGCTACCCAACCAGAGGACCTGGAGTTTCAGGAAGGGGATATAATCCTGGTGTTATCAAAGGTG
AATGAAGAATGGCTGGAAGGGGAGTGCAAAGGGAAGGTGGGCATTTTCCCCAAAGTTTTTGTTGAAGACT
GCGCAACTACAGATTTGGAAAGCACTCGGAGAGAAGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200704 representing NM_000433
Red=Cloning site Green=Tags(s)

MSLVEAISLWNEGVLAADKKDWKGALDAFSAVQDPHSRICFNIGCMYTILKNMTEAEKAFTRSINRDKHL
AVAYFQRGMLYYQTEKYDLAIKDLKEALIQLRGNQLIDYKILGLQFKLFACEVLYNIAFMYAKKEEWKKA
EEQLALATSMKSEPRHSKIDKAMECVWKQKLYEPVVIPVGRLFRPNERQVAQLAKKDYLGKATVVASVVD
QDSFSGFAPLQPQAAEPPPRPKTPEIFRALEGEAHRVLFGFVPETKEELQVMPGNIVFVLKKGNDNWATV
MFNGQKGLVPCNYLEPVELRIHPQQQPQEESSPQSDIPAPPSSKAPGRPQLSPGQKQKEEPKEVKLSVPM
PYTLKVHYKYTVVMKTQPGLPYSQVRDMVSKKLELRLEQTKLSYRPRDSNELVPLSEDSMKDAWGQVKNY
CLTLWCENTVGDQGFPDEPKESEKADANNQTTEPQLKKGSQVEALFSYEATQPEDLEFQEGDIILVLSKV
NEEWLEGECKGKVGIFPKVFVEDCATTDLESTRREV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_000433

ORF Size: 1578 bp

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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_000433.2
RefSeq Size:	2406 bp
RefSeq ORF:	1581 bp
Locus ID:	4688
UniProt ID:	P19878
Cytogenetics:	1q25.3
MW:	59.6 kDa

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