

Product datasheet for **RC204140A1V**

Human Nrf2 (NFE2L2) (NM_006164) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Nrf2 (NFE2L2) (NM_006164) AAV Particle
Tag:	Myc-DDK
Symbol:	NFE2L2
Synonyms:	HEBP1; IMDDHH; Nrf-2; NRF2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204140 representing NM_006164
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATGGACTTGGAGCTGCCGCCCGGGACTCCCGTCCCAGCAGGACATGGATTGATTGACATACTTT
 GGAGGCAAGATATAGATCTTGGAGTAAGTCGAGAAGTATTTGACTTCAGTCAGCGACGGAAAGAGTATGA
 GCTGGAAGAAACAGAAAAAAGCTTGAAGGAAAGACAAGAACAAGTCCAAAAGGAGCAAGAGAAAGCCTTT
 TTCGCTCAGTTACAAGTGAAGAGACAGGTGAATTTCTCCAATTAGCCAGCCAGCACATCCAGT
 CAGAAACAGTGGATCTGCCAACTACTCCAGGTTGCCACATTCCAAATCAGATGCTTTGACTTTGA
 TGACTGCATGCAGCTTTTGGCGCAGACATTCGCTTTGTAGATGACAATGAGGTTTCTTCGGCTACGTTT
 CAGTCACTTGTCTGATATTCGCGTCACATCGAGAGCCAGTCTTCATTGCTACTAATCAGGCTCAGT
 CACCTGAAACTTCTGTTGCTCAGGTAGCCCTGTTGATTTAGACGGTATGCAACAGGACATTGAGCAAGT
 TTGGGAGGAGCTATTATCCATTCTGAGTTACAGTGTCTTAATATTGAAATGACAAGCTGGTTGAGACT
 ACCATGGTTCCAAGTCCAGAAGCCAACTGACAGAAGTTGACAATTATCATTTTTACTCATCTATACCCT
 CAATGGAAAAAGAGTAGGTAAGTGTAGTCCACATTTTCTTAATGCTTTTGAGGATTCTTCAGCAGCAT
 CCTCTCCACAGAAGACCCCAACCAAGTTGACAGTGAAGTCAATTAATTCAGATGCCACAGTCAACACAGAT
 TTTGGTGATGAATTTTATTCTGCTTTTATAGCTGAGCCAGTATCAGCAACAGCATGCCCTCACCTGCTA
 CTTAAGCCATTCACTCTCTGAAGTCTTAAATGGGCCATTGATGTTTCTGATCTATCACTTTGCAAAGC
 TTTCAACCAAAACCACTGAAAGCAGCAGCAATCAATGATTCTGACTCCGGCATTCTACTAAACACA
 AGTCCCAGTGTGGCATCACCAGAACACTCAGTGAATCTTCCAGCTATGGAGACACTACTTGGCCTCA
 GTGATTCTGAAGTGGAAGAGCTAGATAGTCCCTGGAAGTGCAACAGAATGGTCTAAAACACCAAGT
 ACATTCTTCTGGGGATATGGTACAACCTTGTACCATCTCAGGGGCAGAGCACTCACGTGCATGATGCC
 CAATGTGAGAACACACCAGAGAAAGATTGCCTGTAAGTCTGTCATCGGAAAACCCATTACAAAAAG
 ACAACATTCAAGCCGCTTGGAGGCTCATCTACAAGAGATGAAGTGGGCAAAAGCTCTCCATATCCC
 ATTCCCTGTAGAAAAATCATTAACTCCCTGTTGTTGACTTCAACGAAATGATGTCAAAGAGCAGTTC
 AATGAAGCTCACTTGCATTAATTCGGGATATACGTAGGAGGGGTAAGAATAAAGTGGCTGCTCAGAATT
 GCAGAAAAAGAAAGTGGAAAAATAGTAGAAGTACAGCAAGATTTAGATCATTGAAAGATGAAAAAGA
 AAAATTGCTCAAAGAAAAAGGAGAAAAATGACAAAGCCTTACCTACTGAAAAACAAGTACGACCTTA
 TATCTCGAAGTTTTCAGCATGCTACGTGATGAAGATGGAACCTTATTCTCCTAGTGAATACTCCCTGC
 AGCAACAAGAGATGGCAATGTTTTCTTGTCCAAAAGTAAGAAGCCAGATGTTAAGAAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204140 representing NM_006164
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MMDLELPPPLPSQQDMDLIDILWRQDIDLGVSRVDFDSQRRKEYELEKQKKLEKERQEQLQKEQEKAF
 FAQLQLDEETGEFLPIQPAQHIQSETSGSANYSQVAHIPKSDALYFDDCMQLLAQTFFVDDNEVSSATF
 QSLVPDIPGHIESPVFIATNQAQSPETSVAQVAPVDLDGMQQDIEQVWEELLSIPELQCLNIENDKLIVET
 TMVPSPEAKLTEVDNYHFYSSIPSMEKEVGNCSPHFLNAFEDSFSSILSTEDPNQLTVNSLNSDATVNTD
 FGDEFYSAFIAEPSISNSMPSATLSHLSSELLNGPIDVSDLCKAFNQNHPESTAEFNDSDSGISLNT
 SPSVASPEHSVESSSYGDTLLGLSDSEVEELDSAPGSVKQNGPKTPVHSSGDMVQPLSPSQGQSTHVHDA
 QCENTPEKELPVSPGHRKTPFTKDKHSSRLEAHLTRDELRAKALHIPFPVEKIINLPVVDNFNEMMSKEQF
 NEAQLALIRDIRRRGKNKVAAQNCRRKLENIVLEQDLHLKDEKEKLLKEKGENDKSLHLKKQLSTL
 YLEVFSLRDEGKPYSPSEYSLQQTRDGNVFLVPKSKKPDVKKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_006164
ORF Size:	1815 bp
Buffer:	PBS with 0.001% Pluronic F5525
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_006164.2</u>
RefSeq Size:	2859 bp
RefSeq ORF:	1818 bp
Locus ID:	4780
UniProt ID:	<u>Q16236</u>
Cytogenetics:	2q31.2
MW:	67.8 kDa