

Product datasheet for **RC226672A1V**

Human Nrf2 (NFE2L2) (NM_001145412) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Nrf2 (NFE2L2) (NM_001145412) 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:

>RC226672 representing NM_001145412
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATGGACTTGGAGCTGCCCGCCGGGACTCCCGTCCCAGCAGGACATGGATTGATTGACATACTTT
 GGAGGCAAGATATAGATCTTGGAGTAAGTCGAGAAGTATTTGACTTCAGTCAGCGACGGAAAGAGTATGA
 GCTGGAAGAAACAGAAAAAAGCTTGAAGGAAAGACAAGAACAAGTCCAAAAGGAGCAAGAGAAAGCCTTT
 TTCGCTCAGTTACAAGTGAAGAGACAGGTGAATTTCTCCAATTAGCCAGCCAGCCAGCACATCCAGT
 CAGAAACCAGTGGATCTGCCAACTACTCCAGGTTGCCACATTCCAAATCAGATGCTTTGACTTTGA
 TGACTGCATGCAGCTTTTGGCGCAGACATTCGCTTTGTAGATGACAATGAGGTTTCTTCGGCTACGTTT
 CAGTCACTTGTCTGATATTCGCGTCACATCGAGAGCCAGTCTTCATTGCTACTAATCAGGCTCAGT
 CACCTGAAACTTCTGTTGCTCAGGTAGCCCTGTTGATTTAGACGGTATGCAACAGGACATTGAGCAAGT
 TTGGGAGGAGCTATTATCCATTCTGAGTTACAGTGTCTTAATATTGAAAATGACAAGCTGGTTGAGACT
 ACCATGGTTCCAAGTCCAGAAGCCAACTGACAGAAGTTGACAATTATCATTTTTACTCATCTATACCCT
 CAATGGAAAAAGAGTAGGTAAGTGTAGTCCACATTTTCTTAATGCTTTTGAGGATTCCTTCAGCAGCAT
 CCTCTCCACAGAAGACCCCAACCAAGTTGACAGTGAAGTCAATTAATTCAGATGCCACAGTCAACACAGAT
 TTTGGTGATGAATTTTATTCTGCTTTTATAGCTGAGCCAGTATCAGCAACAGCATGCCCTCACCTGCTA
 CTTTAAGCCATTCACTCTCTGAAGTCTAAATGGGCCATTGATGTTTCTGATCTATCACTTTGCAAAGC
 TTTCAACCAAAACCACTGAAAGCAGCAGAGATTCATGATTCTGACTCCGGCATTCTACTAAACACA
 AGTCCCAGTGTGGCATCACCAGAACACTCAGTGAATCTTCCAGCTATGGAGACACTACTTGGCCTCA
 GTGATTCTGAAGTGAAGAGCTAGATAGTCCCTGGAAGTGTCAAACAGAATGGTCTAAAACACCAAGT
 ACATTCTTCTGGGGATATGGTACAACCTTGTCAACATCTCAGGGGCAGAGCACTACGTGCATGATGCC
 CAATGTGAGAACACACCAGAGAAAGATTGCCTGTAAGTCTGTCATCGGAAAACCCATTACAAAAAG
 ACAAACATTCAAGCCGCTTGGAGGCTCATCTACAAGAGATGAAGTGGGCAAAAGCTCTCCATATCCC
 ATTCCCTGTAGAAAAATCATTAACTCCCTGTTGTTGACTTCAACGAAATGATGTCAAAGAGCAGTTC
 AATGAAGCTCACTTGCATTAATTCGGGATATACGTAGGAGGGGTAAGAATAAAGTGGCTGCTCAGAATT
 GCAGAAAAAGAAAGTGGAAAAATAGTAGAAGTACAGCAAGATTTAGATCATTGAAAGATGAAAAAGA
 AAAATTGCTCAAAGAAAAAGGAGAAAAATGACAAAGCCTTACCTACTGAAAAACAAGTACGACCTTA
 TATCTCGAAGTTTTCAGCATGCTACGTGATGAAGATGGAACCTTATTCTCCTAGTGAATACTCCCTGC
 AGCAACAAGAGATGGCAATGTTTTCTTGTCCAAAAGTAAGAAGCCAGATGTTAAGAAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC226672 representing NM_001145412
 Red=Cloning site Green=Tags(s)

MMDLELPPPLPSQQDMDLIDILWRQDIDLGVSRVDFDSQRRKEYELEKQKKLEKERQEQLQKEQEKAF
 FAQLQLDEETGEFLPIQPAQHIQSETSGSANYSQVAHIPKSDALYFDDCMQLLAQTFFVDDNEVSSATF
 QSLVPDIPGHIESPVFIATNQAQSPETSVAQVAPVDLDGMQQDIEQVWEELLSIPELQCLNIENDKLIVET
 TMVPSPEAKL TEVDNYHFYSSIPSMEKEVGNCSPHFLNAFEDSFSSILSTEDPNQLTVNSLNSDATVNTD
 FGDEFYSAFIAEPSISNSMPSATLSHLSSELLNGPIDVSDLSLCKAFNQNHPESTAEFNDSDSGISLNT
 SPSVASPEHSVESSSYGDTLLGLSDSEVEELDSAPGSVKQNGPKTPVHSSGDMVQPLSPSQGQSTHVHDA
 QCENTPEKELPVSPGHRKTPFTKDKHSSRLEAHLTRDELRAKALHIPFPVEKIINLPVVDNFNEMMSKEQF
 NEAQLALIRDIRRRGKNKVAAQNCRRKLENIVLEQDLHLKDEKEKLLKEKGENDKSLHLLKKQLSTL
 YLEVFMSLRDEGKPYSPSEYSLQQTRDGNVFLVPKSKKPDVKKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001145412
ORF Size:	1815 bp
Buffer:	PBS with 0.001% Pluronic F9158
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_001145412.2, NP_001138884.1</u>
RefSeq Size:	2746 bp
RefSeq ORF:	1770 bp
Locus ID:	4780
UniProt ID:	<u>Q16236</u>
Cytogenetics:	2q31.2
MW:	67.8 kDa