

Product datasheet for **RC227517A1V**

Human Nuclear Factor Erythroid Derived 2 (NFE2) (NM_001136023) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Nuclear Factor Erythroid Derived 2
Synonyms:	NF-E2; p45
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC227517 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCCCGTGTCCTCCCCAGCAGAGCAGGAACAGGGTGATACAGCTGTCCACTTCAGAGCTAGGAGAGA
TGGAAGTGAAGTGGCAGGAGATCATGTCCATCACCGAGCTGCAGGGTCTGAATGCTCCAAGTGAGCCATC
ATTTGAGCCCCAAGCCCCAGCTCCATACCTTGGACCTCCACCACCCACAACCTTACTGCCCCCTGCTCAATC
CACCCAGATTCTGGCTTCCCACTTCTCCACCACCTTATGAGCTCCAGCATCCACATCCCATGTCCAG
ATCCCCCACTCCTATGGCAACATGGCCATACCAGTCTCAAGCCACTGAGCCTCTCAGGCCTGCTCAG
TGAGCCGCTCCAAGACCCCTTAGCCCTCCTGGACATTGGGCTGCCAGCAGGGCCACCTAAGCCCCAAGAA
GACCCAGAATCCGACTCAGGATTATCCCTCAACTATAGCGATGCTGAATCTCTTGAGCTGGAGGGGACAG
AGGCTGGTGGCGGCGCAGCGAATATGTAGAGATGTACCCAGTGGAGTACCCCTACTCACTCATGCCAA
CTCCTTGCCCCACTCCAATACTTGGCAGCTGCTGAGACCCCTTGGCCTTAGAGCCCTCTCAGGC
CCTGTGCGGGCTAAGCCACTGCACGGGGGAGGCAGGGAGTCGGGATGAACGTCGGGCTTGGCCATGA
AGATTCTTTTCTACGGACAAGATTGTCAACTTGCCGGTAGATGACTTTAATGAGCTATTGGCAAGGTA
CCCGCTGACAGAGAGCCAGCTAGCGTAGTCCGGGACATCCGACGACGGGGCAAAACAAGGTGGCAGCC
CAGAACTGCCGCAAGAGGAAGCTGGAACCATTTGTGCAGCTGGAGCGGGAGCTGGAGCGGCTGACCAATG
AACGGGAGCGGCTTCTCAGGGCCCGGGGAGGCAGACCGGACCTGGAGGTGATGCGCAACAGCTGAC
AGAGCTGTACCGTGACATTTTCCAGCACCTTCGGGATGAATCAGGCAACAGCTACTCTCCTGAAGAGTAC
GCGCTGCAACAGGCTGCCGATGGGACCATCTTCTTGTGCCCCGGGGACCAAGATGGAGGCCACAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC227517 protein sequence Red=Cloning site Green=Tags(s) MSPCPPQQSRNRVIQLSTSELGEMELTWQEIMSITEQGLNAPSEPSFEPQAPAPYLGPPPPTTYCPCSI HPDSGFPLPPPPYELPASTSHVPDPPYSYGNMAIPVSKPLSLGLLSEPLQDPLALLDIGLPAGPPKPQE DPESDGLSLNYSDAESLEEGTEAGRRRSEYVEMYPVEYPYSLMPNSLAHSNYTLPAETPLALEPSSG PVRAKPTARGEAGSRDERRALAMKIPFPTDKIVNLPVDDFNELLARYPLTESQLALVRDIRRGKNKVAA QNCRRKLETIVQLERELERLTNERERLLRARGEADRTLEVMRQQLTELVRDIFQHLRDESGNSYSPEEY ALQQAADGTIFLVPRGTMKMEATD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001136023
ORF Size:	1119 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_001136023.1</u>
RefSeq Size:	1698 bp
RefSeq ORF:	1122 bp
Locus ID:	4778
UniProt ID:	<u>Q16621</u>
Cytogenetics:	12q13.13
MW:	41.5 kDa