

Product datasheet for **RC206838A1V**

Human NEI3 (NEIL3) (NM_018248) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NEI3 (NEIL3) (NM_018248) AAV Particle
Tag:	Myc-DDK
Symbol:	NEIL3
Synonyms:	FGP2; FPG2; hFPG2; hNEI3; NEI3; ZGRF3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206838 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTGAAGGACCAGGCTGTACTCTGAATGGAGAGAAGATTCGAGCGGGTGCTCCCGGGCCAGGCGG
 TGACCGCGTGCAGGGAAGCGCTCTGCGGAGTCTGCAGGCGCGCCTTGCGGCTCGCAGCCTCCACGGT
 TGTGGTCTCCCGCAGGCTGCTGCACTGAATAATGATTCCAGCCAGAATGTCTTGAGCCTGTTTAAATGGA
 TATGTTTACAGTGGCGTGGAACTTTGGGAAGGAGCTCTTTATGACTTTGGACCAAAAGCTTTACGGA
 TTCATTTCCGAATGAAAGGCTTCATCATGATTAATCCACTTGAGTATAAATAAAAAATGGAGCTTCTCG
 TGTTTTGGAAGTGCAGCTACCAAGATTTGATTTGTTCTTTGACTCATCAGTAGAACTCAGAACTCA
 ATGGAAGCCAACAGAGAATAAGAATGATGAAAGAATTAGATGTATGTTACCTGAATTTAGTTTCTTGA
 GAGCAGAAAGTGAAGTAAAAAACAGAAAGCCGGATGCTAGGTGATGTGCTAATGGATCAGAACGTATT
 GCCTGGAGTAGGGAACATCATCAAAATGAAGCTCTCTTGACAGTGGTCTCCACCCAGCTGTTAAAGTT
 TGTCAATTAACAGATGAACAGATCCATCACCTCATGAAATGATACGTGATTTACGACATTCTCTTTTACA
 GGTGCCGTAAAGCAGGACTTGCTCTCTCTAAACACTATAAGGTTTACAAGCGTCCCAATTGTGGTCAGTG
 CCACTGCAGAATAACTGTGTGCCGCTTTGGGACAATAACAGAATGACATATTTCTGTCTCACTGTCAA
 AAAGAAAATCCTCAACATGTTGACATATGCAAGCTACCGACTAGAAATACTATAATCAGTTGGACATCTA
 GCAGGGTGGATCATGTTATGGACTCCGTGGCTCGGAAGTCGGAAGAGCACTGGACCTGTGTGGTGTGTAC
 TTTAATCAATAAGCCCTCTTCTAAGGCATGTGATGCTTGCTTGACCTCAAGGCCTATTGATTCAGTGCTC
 AAGAGTGAAGAAAATTTACTGTCTTTAGCCACTTAATGAAGTACCCGTGTAATCTTTTGGAAAACCTC
 ATACAGAAGTCAAGATCAACAGGAAAACGCAATTTGGAACACAACCTTTGCTTCTGACTGATTTTAGCAA
 TAAATCCAGTACTTTGGAAAGAAAACAAAGCAAAACAGATAGTATGAGGAGTTTCAAAACTCTCCT
 CCTGCTAGTGTGTGTTGAATGATATACAGCACCCCTCCAAGAAGACAACAAACGATATAACTCAACTAT
 CCAGCAAAGTAAACATATCACCTACAATCAGTTCAGAATCTAAATTATTTAGTCCAGCACATAAAAAACC
 GAAAACAGCCCACTACTCATCACCAGAGCTTAAAGCTGCAACCTGGATATTCTAACAGTGAACCTTCAA
 ATTAATATGACAGATGGCCCTCGTACCTTAAATCCTGACAGCCCTCGTGCAGTAAACACAACCGCCTCT
 GCATTCTCGAGTTGTGAGGAAGGATGGGGAACAAGGCAGGCAGTTTATGCCTGTCCTCTACCTAG
 AGAAGCACAATGTGGATTTTTGAATGGGCAGATTTGCTTCCATTCTGCAACCATGGCAAGCGTTCC
 ACCATGAAAACAGTATTGAAGATTGGACCTAACAATGGAAGAATTTTTTGTGTGCTCTTGGGAAGG
 AAAACAAATGCAATTTTTCCAGTGGGCAGAAAATGGGCCAGGAATAAAATTATTCCTGGATGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206838 protein sequence
 Red=Cloning site Green=Tags(s)

MVEGPGCTLNGEKIRARVLPQGAVTGVVRSALRSLQGRALRLAASTVVVSPQAAALNNDSSQNVLSTFNG
 YVYSGVETLGKELFMYFGPKALRIHFGMKGFIMINPLEYKYKNGASRVLEVQLTKDLICFFDSSVELRNS
 MESQQRIRMMKELDVCSPEFSFLRAESEVKKQKGRMLGDVLMQNVLPVGNIIKNEALFDSGLHPAVKV
 CQLTDEQIHLMKIMIRDFSIIFYRCRKAGLALSKHYKVYKRPNCGQCHCRITVCRFGDNNRMTYFCPHCQ
 KENPQHVDICKLPTRNTIISWTSRVHVMDSVARKSEHWTCVVCTLINKPSSKACDACTSRPIDSVL
 KSEENSTVFSHLMKYPCNTFGKPHTEVKINRKTAFGTTTLVLTDFSNKSSTLERKTKQNQILDEEFQNSP
 PASVCLNDIQHPSKKTNDITQLSSKVNISPTISSESKLFSAPHKKPKTAHYSSPELKSCNPGYSNSELQ
 INMTDGPRTLNPDSPRCSKHNRLCILRVVRKDGENKGRQFYACPLPREAQCGFFEWADLSPFFCNHGKRS
 TMKTVLKIGPNNGKNFFVCPKGKEKQCNFFQWAENGPQIKIIPGC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_018248
ORF Size:	1815 bp
Buffer:	PBS with 0.001% Pluronic F5941
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_018248.1</u>
RefSeq Size:	2402 bp
RefSeq ORF:	1818 bp
Locus ID:	55247
UniProt ID:	<u>Q8TAT5</u>
Cytogenetics:	4q34.3
MW:	68 kDa