

Product datasheet for **RC227701A1V**

Human NEIL2 (NM_001135746) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NEIL2 (NM_001135746) AAV Particle
Tag:	Myc-DDK
Symbol:	NEIL2
Synonyms:	NEH2; NEI2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC227701 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCCAGAAGGGCCGTTGGTGAGGAAATTCACCATTTGGTCTCCCCCTTTGTGGGTGAGCAGGTGGTCA
AGACAGGGGGCAGCAGTAAGAAGCTACAGCCGCCAGCCTGCAGTCTCTGTGGCTCCAGGACACCCAGGT
CCATGGAAAGAAATTATTCCTTAGATTTGATCTAGATGAAGAAATGGGGCCCCCTGGCAGCAGCCCAACA
CCAGAGCCTCCACAAAAAGAAGTGCAAGGAAGGGGCTGCGGACCCAAAGCAGGTCGGGGAGCCAGCG
GGCAGAAGACCCTTGATGGATCCTCACGGTCTGCAGAGCTCGTCCCCAGGGCGAGGATGATTCTGAGTA
TTTGGAGAGAGACGCCCTGCAGGAGATGCTGGGAGGTGGCTGCGTGTGAGCTTTGGTTTGGTGGCAGC
GTTTGGGTGAACGATTTCTCCAGAGCCAAGAAAGCCAACAAGAGGGGGGACTGGAGGGACCCCTCCCCGA
GGTTGGTCTGCACTTTGGTGGTGGTGGCTTCTGGCATTATATAATTGTGAGTTGTCTGGAGCTCTTC
CCCGTGGTCACACCCACCTGTGACATCCTGTCTGAGAAGTCCATCGAGGACAAGCCTTAGAAGCTCTA
GGCCAGGCTCAGCCTGTCTGCTATACACTGCTGGACCAGAGATACTTCTCAGGGCTAGGGAACATCATT
AGAATGAAGCCTTGACAGAGCTGGGATCCATCCCTTTCTCTCGTTTCAGTCTGAGTGCCTCGGTGCG
GGAGGTCTGGTGGATCACGTGGTGGAGTTGAGTACAGCCTGGCTGCAGGGCAAGTTCCAAGGCAGACCG
CAGCACACAGGTCTACCAGAAAGAACAGTGCCTGTGGCCACCAGGTCATGAAGGAGCGTTTGGGC
CCGAAGATGGGTTACAGAGGCTCACCTGGTGGTGGCCGAGTGCAGCCCCAGTTGTGAGAGGAGCCAGA
GCAGTGCCAGTTCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC227701 protein sequence Red=Cloning site Green=Tags(s) MPEGPLVRKFHHLVSPFVGQQVVKTTGGSSKKLQPASLQSLWLQDTQVHGKKLFLRFDLDEEMGPPGSSPT PEPPQKEVQKEGAADPKQVGEPGSGQKTLTGSSRSSELVPQGEDDSEYLERDAPAGDAGRWLRVSFGLFGS VWVNDFSRAKKANKRGDWRDPSRLVLHFGGGFLAFYNCQLSWSSSPVVTPTCDILSEKFHRGQALEAL GQAQPVCTLLDQRYFSGLGNIKNEALYRAGIHPLSLGSVLSASRREVLVDHVVEFSTAWLQGKFQGRP QHTQVYQKEQCPAGHQVMKEAFGPEDGLQRLTWWCPQCQPQLSEEPQCQFS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001135746
ORF Size:	996 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_001135746.1</u>
RefSeq Size:	2202 bp
RefSeq ORF:	999 bp
Locus ID:	252969
UniProt ID:	<u>Q969S2</u>
Cytogenetics:	8p23.1
MW:	36.8 kDa