

Product datasheet for RC227506A1V

Human NEMP2 (NM_001142645) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	NEMP2
Synonyms:	TMEM194B
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC227506 representing NM_001142645
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGGGCCGCGCAAGGGCGGTGGTGGCTGCTGCTCTGGCTGCCGCCCTGGCCCACTGCCGTGCGCG
GGGAGGCGGCGCGGCAGCGTTATCAGTTCGTAGGTGTAAGCTTTGAAGGAAAAGATTTAATTAGAAC
GTCTGAGTCAGACTGTTACTGCTACAATCAAAATTCCTCAAGTGGAGTGGAAATACATATGGTCAACTATG
CAGGTGAAAATTACCAGTCCAGGCCTGTTCAAGATTGTATATATCGCAGAAAGACATAATTGCCAATATC
CAGAAAACATTCTATCTTTATCAAATGTGTGATTATAAATTTGGATACCAAGGAATCTAACGAAAT
AACCATAATCATCAATCCATACAGGAGACTGTGTGCTTCTCTGTGGAGCCTGTCAAGAAGATATTTAAC
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TCTAATGACATTAGTCTTTGTCTTGTGTTGGTGAAGATTCAATCCGAAGTATAGCACCTTTTGGCT
CTAATGGTTGGTTGGTTGGCTCAGTTTATATTGTATGCCAGTTGATGGAAGATCTGAAGTGGCTGT
GGTATGAAAACAGGATATATGTATTAGGCTATGTCTTGATAGTTGGATTTTCAGCTTTGTTGTTGTTA
CAAGCATGGGCCCCCTTGACAGCAGCAGGAGCAGAAGTCTTCTGATGTGGATGCTGCGACTCCTCTCCCTG
GTTCTGGTCTATGCTGGTGTGGCCGTGCCTCAGTTTGCTATGCAGCCATAATCCTCCTCATGTCCTCCT
GGAGTCTGCACTACCACTGAGAGCATGCAGTTATATGAGGTGGAAGTGGAGCAGTGGTTTACATCAA
AGAGCTGGTGGTGAATATCTTACGGAAGACGAGTACAGGAGCAAGCTGATGCTGAAACGAACAGTGCT
CTGGAGGAGCTACGCCGGCCTGCCGAAAACCCGACTTTCCCTCATGGCTGGTCTCCAGACTCCACA
CTCCTAGCAAATTTGCAGACTTTGTTCTTGGAGGAAGCCACTTGTACCTGAAGAAATCAGTCTGCATGA
AGAGCAGTATGGCCTTGGGGTGCCTTCTTGAAGAGCAGCTTTAACCAGTACTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC227506 representing NM_001142645 Red=Cloning site Green=Tags(s) MGPRQGRWLLLLWLPPLATLPVRGEAAAAALSVRRCKALKEKDLIRTSESDCYCYNQNSQVEWKYIWMSTM QVKITSPGLFRIVYIAERHNCQYPENILSFIKCVIHNFWIPKESNEITIIINPYRETVCFSVEPVKKIFN YMIHVNRIIMDFKFLVFVAGVFLFFYARTLSQSPTFYSSGTVLGVLMTLVFVLLLVKRFIPKYSTFWA LMVGCWFASVYIVCQLMEDLKWLWYENRIYVLGYVLI VGGFFSFVVCYKHGPLADDRSRLLMWMRLRLSL VLVYAGVAVPQFAYAAIILLMSSWSLHYPLRACSYMWKMEQWFTSKELVVKYLTEDEYREQADAETNSA LEELRRACRKPDFPSWL VVSR LHTPSKFA DFVLGGSHLSPEEISLHEEQYGLGGAFLEEQLFNPSTA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001142645
ORF Size:	1251 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_001142645.1</u>
RefSeq ORF:	1254 bp
Locus ID:	100131211
UniProt ID:	<u>A6NFIY4</u>
Cytogenetics:	2q32.2
MW:	48.5 kDa