

Product datasheet for **RC234868A1V**

Human LOC81691 (NM_001199053) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	LOC81691
Synonyms:	NEF-sp
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC234868 representing NM_001199053
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCCAGAGAGGGAAGGGACCGAGAGACACCCAGGAAGGTCAAGGAAAGCAGGCAGGCCCAATA
AGCTGGTCGGGGCAGCTGAGGCGATGAAAGCCGGTTGGGATCTCGAGGAGAGTCAAGCCGAGGCCAAGAA
AGCCCGCTTATCTACCATTTTTACTGACAACGTGAAGTAACCCATGACCAGCTGTGTGAATTGCTG
AAGTATGCAGTTCGGGCAAAATCCAATGTTCCAAAACCCAGCTGGTCCAGCTTTTTATCAAAAACCC
TAAACAACGTAGTGGTTTTGTTCTGCAGGGAATGAGTCAGCTACACTTTTACAGGTTCTATTTGGAGTT
TGGATGCTTCGAAAAGCATTAGACATAAATTCGCTTGCCTCCACCATCATCTGATTTTTCTAGCTGAT
GTTGTTGGGCTACAAAAGTGAACAAAAGAGCTGGAGATCTGCCAAGACAATGGAAGGGCCTTTACCTTCTA
ATGCAAAAGCCGCATCAACCTTCAGGATGATCCCATCATTCAAAAGTATGGCTCTAAGAAAGTGGGCTT
GACCAGATGCCTTCGAAAAGGAGGAAAATGAGAACGTTTCACTTCCATTACAAGTTTTCTGATTGT
GAAAATTTTTACTTACAAAATGTAATGGTTCTATAGCAGACAATAGTCTCTCTTTGGACTTGACTGTG
AAATGTGCCTCACATCAAGGGGAGAGACTAACACGCATCTCACTGGTTGCTGAAGGAGGCTGTGTGT
TATGGATGAACTGGTCAAACCTGAAAACAAGATTCTGGACTACCTCACCAGCTTTTCGGGAATCACGAAG
AAGATTCTTAACCCAGTGACGACCAAACTCAAAGATGTACAGAGGCAGTTAAAAGCACTGCTTCCCTCTG
ATGCTGTGTTAGTGGGCCACTCCTTAGATTTGGATCTCAGAGCACTGAAAATGATACATCCATATGTTAT
TGATACATCGTTGCTTTATGTGAGAGAGCAGGGCAGAAGATTTAAGCTCAAGTCTTAGCCAAAGTTATT
TTGGGGAAGGATATACAGTGTCCAGACAGACTTGGTCAATGATGCCACAGAAGATGCTAGAACAATCCTTG
AATTGGCTCGGATTTCTTAAAGCATGGCCAAAAAAGATTGCAGAACTAAATCTAGAAGCACTAGCTAA
TCAACAAGAAATACAAGCAGCAGGCCAAGAGCCTAAAAACACAGCAGAAGTACTTCAGCACCCAAACACA
AGTGTTTTGAATGCTTGGATTCAAGTGGTTCAGAGGCTCAGAAAGCTTTTCTTTTGGACCCGGGAGACAGATGCTGGT
AACTCCATCTTCCAGAAATGTCAAAATTAAGTGTCTTTCAAATAAAGAGGTTCTTGAGCAGGCCAG
AGTGGAAATCCCTGTTCCTTTCAGCATTGTTCAAGTCTCTTTAAGGCCTTTTACCTGTCTCCTCACT
GAGGAGATGAACAAAAGGATGAGGATCAAGTGGACAGAGATCAACTGTCTATGCTGGGCCATTTAGCA
AAAATTGCAATCTCAGGGCTCTGAAGAGGCTGTTTAAAAGCTTTGGCCAGTCCAGTCAATGACTTTTGT
TCTTGAACCCGTCAGCCTCATCTCTGTATACAGTATGAAGTCTAGAAGCTGCCAGCTGGCCATAGAA
TCCTTGGATGGTATTCTGGTAGATGGTATCTGCATCAAGGTGCAGAGCCGTGTGACAGACTCACGCTTG
ATTGTGACACCCTCGTGAATGAGCTGGAAGGAGATTCTGAAAACCAAGGCTCTATATCTGTCTGGAGT
GAGTGAACCTTCAAAGAACAGCTATTGCAGGAGCCCGCCTCTTTCTTGGCCTGGAAGCTGTGATCTTG
CCTAAAGATCTTAAAAGTGAAGGAGCAAAAAAATACTGTTTCTGAAATTCAAAAGTTTGGCAGTGCC
AGCAGGCCCTCAACATCTCACAGGCAAGGACTGGAAGCTGAAAGGCAGGCATGCCCTAACCCCAAGGCA
CCTCCATGCCTGGCTCAGAGGCTTACCACCTGAATCAACAAGGCTCCAGGGCTTCGTGTTGTACCTCCC
CCCTTTGAACAGGAGGCTTGCAGACTCTGAAACTGGACCACCCGAAGATAGCAGCCTGGCCTGGAGCC
GGAAGATTGGAAGCTCTACAACAGCTTGTGCCGGGCACTCTCTGCCTCATCTGCTGCCAGGAACCAA
GAGCACTCATGGTTCACCTCTGGTCTAGGACTGATGGGAATAAAGAGGAAGAAGAAGGCTGCCCA
GGCCTGTGTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC234868 representing NM_001199053 Red=Cloning site Green=Tags(s) MEPEREGTERHPRKVVRESRQAPNKLVGAAEAMKAGWDLEESQPEAKKARLSTILFTDNCEVTHDQLCELL KYAVLKGKSNVPKPSWCQLFHQNHNNVVVFLVQGMQLHFYRFYLEFGCLRKAFRHKFRLPPSSDFLAD VVGLQTEQRAGDLPKTMEGPLPSNAKAAINLQDDPIIQKYGSKKVGLTRCLLTKEMRTFFHPLQGFPC ENFLLTKNGSIADNSPLFGLDCEMCLTSKGRELTRISLVAEGGCCVMDELVKPENKILDYLTFSFGITK KILNPVTTKLKDVQRQLKALLPPDAVLVGHSLDLDRALKMIHPYVIDTSLLYVREQRRFKLFLAKVI LGKDIQCPDRLGHDATEDARTILELARYFLKHGPKKIAELNLEALANHQEIQAAAGQEPKNTAEVLOHPNT SVLECLDSVGQKLLFLTRETADAGLPSSRNCQTIKCLSNKEVLEQARVEIPLFPFSIVQFSKAFSPVLT EEMNKRMRKIKWTEISTVYAGPFSKNCNLRALKRFLKFSFGPVQSMFVLETRQPHLCIQYEVLEAAQLAIE SLDGILVDGICIKVQRPVTELTDCDTLVNELEGDSENGSIIYLSGVSETFKEQLLQEPRLFGLAEAVIL PKDLKSGKQKQKCYFLKFSFGSAQQALNLTGKDWKLGKRHALTPRHLHAWLRGLPPESTRLPGLRVVPP PFEQEQALQTLKLDHPKIAAWRWSRKIGKLYNSLCPGTLCLILLPGTKSTHGSLSGLGLMGIKEEESAGP GLCS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001199053
ORF Size:	2322 bp
Buffer:	PBS with 0.001% Pluronic F10605
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_001199053.1</u>
RefSeq Size:	2903 bp
RefSeq ORF:	2325 bp
Locus ID:	81691
UniProt ID:	<u>Q96IC2</u>
Cytogenetics:	16p12.3
MW:	87.3 kDa