

Product datasheet for **RC200043A1V**

Human NUPL1 (NUP58) (NM_014089) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NUPL1 (NUP58) (NM_014089) AAV Particle
Tag:	Myc-DDK
Symbol:	NUP58
Synonyms:	NUP45; NUPL1; PRO2463
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200043 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTCCACAGGGTTCTCCTTCGGGTCCGGGACTCTGGGCTCCACCACCGTGGCCGCCGGCGGGACCAGCA
 CAGGCGCGTTTTCTCCTTCGGAACGGGAGCGCTAGCAACCCTTCTGTGGGGCTCAATTTGGAAATCT
 TGGAACTACTTCAACTCCAGCAACTACATCTGCTCCTTCAAGTGGTTTTGGAACCGGGCTCTTTGGATCT
 AAACCTGCCACTGGGTTCACTCTAGGAGGAACAAATACAGGAATAGCAACAATACTACAGGATTAA
 CTCTGGGAACGCCAGCCACTACATCTGCAGCTACAACAGGCTTCAGTTTAGGATTCAATAAACCTGCAGC
 ATCTGCCACACCATTTGCTCTACCTATTACCTCTACCTCAGCTAGCGGTCTGACTCTTCGTCGCTCTG
 ACATCAACTCCAGCAGCATCCACAGGATTTACTCTAAATAATTTGGTGGGACAACAGCCACAATACAA
 CTGCATCAACAGGCTCTCTTTAGGGGAGCCTTAGCTGGTTTGGGAGGTTCACTTTCCAGAGTACAAA
 CACAGGAACATCAGGACTTGGACAGAATGCTTTAGGGTTGACTTTGGAACTACAGCAGTACTTCAACT
 GCAGGCAATGAAGGCCTTGGTGGTATAGATTTCACTAGCTCCTCAGATAAAAAGAGTGATAAACCGGAA
 CAAGACCAGAGGATAGTAAAGCTCTGAAGGATGAAATCTACCTCCTGTCATCTGCCAGGATGTTGAAAA
 TCTCCAGAAATTTGTGAAGGAGCAGAAACAAGTTCAAGAAGAAATAGTAGAATGTCTTCAAAGCAATG
 CTTAAGGTACAAGAAGATATTAAGCTCTGAAGCAGCTCCTGTCGTTGGCTGCCAATGGAATACAGAGAA
 ACACCTCTCAACATTGACAAATGAAAAAGAACTGCTCAGGAGTTGAAGAATGCTGAAATAGCTTTAAG
 AACCCAGAAGACACCACTGGACTTCAACATGAATATGCAGCTCCTGCTGACTACTTCAGAATCTTGGTT
 CAGCAATTTGAGGTACAGCTTCAGCAGTACAGGCAGCAGATTGAAGAACTAGAAAACCATCTTCCCACTC
 AAGCAATAATTCACATATAACCCCTCAAGATTTGTCAATGGCTATGCAGAAAATTTATCAACATTTGT
 AGCTTTAGCGGCACAACCTTCAGTCTATTCAAGAAATGTAAAGGTTCTGAAAGAACAGTACCTTGGCTAC
 AGGAAAATGTTCTTGGGAGATGCTGTTGATGTGTTGAAACAAGGCGAGCAGAGAAGCCAAGAAGTGGCAGA
 ACACACCCAGAGTTACTACTGGACCCACTCCTTTCAGCACCATGCCAAACGCAGCAGCCGTTGCCATGGC
 TGCAACACTTACACAGCAGCAACAGCCTGCTACAGGGCCACAGCCATCTCTGGGAGTTAGTTTTGGAACG
 CCATTCGGCTCAGGTATTGGCACTGGCTTGAATCAAGTGGCTTAGGTTCTTCAAACCTTGGAGGATTTG
 GAACTAGCTCTGGTTTTGGATGCAGCACCACAGGGCCTCCACATTTGGATTTGGAACAACAAATAAACCC
 CTCAGGAAGTCTTAGTGCAGGCTTTGGCAGCTCAAGTACATCTGGGTTTAACTTCAGCAATCCTGGCATC
 ACGGCATCAGCTGGTTTGAATTTGGGGTGTCAATCCTGCCTCTGCAGGTTTTGGAACAGGAGGACAAC
 TCCTTCAGTTGAAGAAACCTCCAGCTGGAACAAAAGAGGAAAAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200043 protein sequence
 Red=Cloning site Green=Tags(s)

MSTGFSFGSGTLGSTTVAAGGTSTGGVFSFGTGASSNPSVGLNFGNLGSTSTPATTSSAPSSGFGTGLFGS
 KPATGFTLGGTNTGIATTITTLGLTLPATTSAAATGFSGLFNKPAASATPFPALPITSTSASGLTLSSAL
 TSTPAASTGFTLNNLGGTTATTTASTGLSLGGALAGLGGSLFQSTNTGTSGLGQNALGLTLGTTAATST
 AGNEGLGGIDFSSSSDKKSDKTGTRPEDSKALKDENLPPVICQDVENLQKFVKEQKQVQEEISRMSKAM
 LKVQEDIKALKQLLSLAANGIQNTLNIDKLKIETAQELKNAEIALRTQKTPPGLQHEYAAPADYFRILV
 QQFEVQLQQYRQIEELENHLATQANNSHITPQDL SMAMQKIYQTFVALAAQLQSIHENVKVLKEQYLY
 RKMFLGDAVDVFETRRAEAKKWQNTPRVTTGPTPFSTMPNAAVAMAATLTQQQPATGPQPSLGVSF
 PFGSGIGTGLQSSGLGSSNLGGFGTSSFGCSTTGASTFGFGTTNKPSSLSAGFGSSSTSGFNFSNPGI
 TASAGLTFGVSNPASAGFGTGGQLQLKPPAGNKRGRK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_014089
ORF Size:	1797 bp
Buffer:	PBS with 0.001% Pluronic F5007
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_014089.3</u>
RefSeq Size:	4335 bp
RefSeq ORF:	1800 bp
Locus ID:	9818
UniProt ID:	<u>Q9BVL2</u>
Cytogenetics:	13q12.13
MW:	60.9 kDa