

Product datasheet for **RC239078A1V**

Human Pericentrin 1 (NUP85) (NM_001303276) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Pericentrin 1 (NUP85) (NM_001303276) AAV Particle
Tag:	Myc-DDK
Symbol:	NUP85
Synonyms:	FROUNT; NPHS17; Nup75
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC239078 representing NM_001303276
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTGCCAAGTTGCCCTTTATCTATATCATCCGTAAGGATGTAGATGTTTACTCTCAAATCTTGAGAA
 AACTCTTCAATGAATCCCATGGAATCTTTCTGGGCCTCCAGAGAATTGACGAAGAGTTGACTGGAAAAATC
 CAGAAAAATCTCAATTGGTTCGAGTGAGTAAAACTACCGATCAGTCATCAGAGCATGTATGGAGGAAATG
 CACCAGGTTGCAATTGCTGCTAAAGATCCAGCCAATGGCCGCCAGTTCAGCAGCCAGGTCTCCATTTTGT
 CAGCAATGGAGCTCATCTGGAACCTGTGTGAGATTCTTTTTATTGAAGTGGCCCCAGCTGGCCCTCTCT
 CCTCCATCTCCTTGACTGGGTCCGGCTCCATGTGTGCGAGGTGGACAGTTTGTGCGCAGATGTTCTGGGC
 AGTGAGAATCCAAGCAAACATGACAGCTTCTGGAACCTGGTGACCATCTTGGTGTGCAGGGCCGGCTGG
 ATGAGGCCCGACAGATGCTCTCAAGGAAGCCGATGCCAGCCCCGCTCTGCAGGCATATGCCGAATCAT
 GGGGGACCTGATGAGGACAATGCCATTCTTAGTCCCGGAACACCCAGACACTGACAGAGCTGGAGCTG
 AAGTGGCAGCACTGGCACGAGGAATGTGAGCGGTACCTCCAGGACAGCACATTGCCACACAGCCCTCACC
 TGGAGTCTCTCTGAAGATTATGCTGGGAGACGAAGCTGCCTTGTAGAGCAGAAGGAATTCTGAGTAA
 TTGGTATCATTTCTAGTGACTCGGCTCTTGTACTCCAATCCCACAGTAAACCATTGATCTGCACTAC
 TATGCCCAGTCCAGCCTGGACCTGTTTCTGGGAGGTGAGAGCAGCCAGAACCCCTGGACAACATCTTGT
 TGGCAGCCTTTGAGTTTGACATCCATCAAGTAATCAAAGAGTGCAGCATCGCCCTGAGCAACTGGTGGTT
 TGTGGCCACCTGACAGACCTGCTGGACCACTGCAAGCTCCTCCAGTCACACAACCTCTATTTTCGGTTCC
 AACATGAGAGAGTTCTCCTGCTGGAGTACGCCCTCGGGACTGTTTGCTCATCCAGCCTGTGGCAGCTGG
 GGTTCGATTACTTTGATTACTGCCCCGAGCTGGCCGAGTCTCCCTGGAGCTGCACATTGAGCGGATACC
 TCTGAACACCGAGCAGAAAGCCCTGAAGGTGCTGCGGATCTGTGAGCAGCGGCAGATGACTGAACAAGTT
 CGCAGCATTTGTAAGATCTTAGCCATGAAAGCCGTCCGCAACAATCGCCTGGGTTCTGCCTCTCTTGGGA
 GCATCCGTGCTAAGGATGCCGCCTTTGCCACGCTCGTGTGAGCAGGTTCTCAGGGATTACTGTGAGCG
 AGGCTGCTTTTCTGATTTGGATCTCATTGACAACCTGGGGCCAGCCATGATGCTCAGTGACCGACTGACA
 TTCTGGGAAAGTATCGCGAGTTCACCGTATGTACGGGGAGAAGCGTTTGGCGACGAGCTTCTCTCC
 TTCTGTCCTTGATGACGCTCTCGATTGCCCTCGGTCTTCTGGATGACTCTGCTGACAGACGCTTGGC
 CCTTTTGAACAGAAACAGGTGATTTTCTCAGCAGAACAGACTTATGAGTTGATCGGTGTCTGGAGGAC
 TTGACGTCAAGAAGACCTGTGCATGGAGAATCTGATACCGAGCAGCTCCAGGATGATGACATAGAGACCA
 CCAAGGTGGAAATGCTGAGACTTCTCTGGCACGAAATCTTGCTCGGGCAATTATAAGAGAAGGCTCACT
 GGAAGGTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239078 representing NM_001303276
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MVPSCPIYIIRKDVVYSQILRKLFNESHGIFLGLQRIDEELTGKSRKSQLVRVSKNYRSVIRACMEEM
 HQVAIAAKDPANGRQFSSQVSILSAMELIWNLCILFIEVAPAGPLLLHLLDWVRLHVCEVDSLADVLG
 SENPSKHDSFWNLVTILVLQGRLEARQMLSKEADASPASAGICRIMGDLMRTPILSPGNTQTLTELEL
 KWQHWHEECERYLQDSTFATSPHLESLLKIMLGDEAALLEQKELLSNWFHFLVTRLLYSNPTVKPIDLHY
 YAQSSDLFLGGESSPEPLDNILLAAFEFDIHQVIKESIALSNWWFVAHLTDLLDHCKLLQSHNLVFGS
 NMREFLLLEYASGLFAHPSLWQLGVDFDYCPDELGRVSLELHIERIPLNTEQKALKVLRICEQRQMTQV
 RSICKILAMKAVRNNRLGSAWSIRAKDAFATLVSDRFLRDYCERGCFSDDLIDNLGPAMMLSDRLT
 FLGKYREFHRMYGEKRFADAASLLLSLMTSRIAPRSFWMTLLTDALPLLEQKQVIFSAEQTYELMRCLED
 LTSRRPVHGESDTEQLQDDDIETTKVEMLRLSLARNLARAIIREGSLEGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001303276
ORF Size:	1830 bp
Buffer:	PBS with 0.001% Pluronic F10836
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_001303276.1, NP_001290205.1</u>
RefSeq Size:	2285 bp
RefSeq ORF:	1833 bp
Locus ID:	79902
UniProt ID:	<u>Q9BW27</u>
Cytogenetics:	17q25.1
MW:	70.2 kDa