

Product datasheet for **RC210979A1V**

Human PUS10 (NM_144709) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PUS10 (NM_144709) AAV Particle
Tag:	Myc-DDK
Symbol:	PUS10
Synonyms:	CCDC139; DOBI; Hup10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210979 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCCCACTGACTGAGGAAAACAAGCATGTGGCCAGTTGTTGCTCAATACTGGTACTTGTCCAAGAT
 GTATCTTCAGATTCTGTGGTGTGGATTTTCATGCACCTTACAACTTCCATACAAGGAGTTGCTCAATGA
 ACTACAGAAATTTCTGGAACTGAAAAAGATGAATTAATTTTGGAAGTTATGAACCCACCTCCCAAGAAA
 ATTCGACTGCAAGAACTGGAAGATAGTATTGATAATCTAAGTCAAATGGAGAGGGAAGGATCTCTGTTA
 GTCATGTTGGAAGCACTGCTTCCAAGAACTCAAATTTAAATGTATGTAATGTATGCCTAGGAATCTTCA
 AGAATTCTGTGAGAAAGATTTTCAATAAAAAGGTGTGCCAAAAGGTTGAGGCCTCTGGGTTTGAATTCACC
 AGCTTGGTATTTTCAGTCTCTTCCACCACAATCTGTAAAGAGAGCATGCTGCATGGTTGCTGGTAA
 AACAGGAAATGGGAAAGCAGAGTCTGTCGCTGGGAAGAGATGATATAGTTCAGCTAAAAGAAGCCTACAA
 ATGGATAACTCACCCCTGTTTTTCAGAGAACTGGGTGTTCCATTGATGAAAGAGCTTGTGTTGAAGTG
 AGTGTGGTCTTTGCTCACCCAGAAACAGTTGAGGATTGCCACTTCCTAGCTGCGATATGCCAGATTGTT
 TTAAGCCAGCCAAAAACAACAGTCTGTATTCACTAGAATGGCAGTTATGAAAGCCTGAATAAGATAAA
 GGAAGAGGATTTCTTAAGCAGTTTCTTGTCTCCAACTCACCAAAGGCTGTATGCGCTGTTCTTGAA
 ATTGAATGTGCTCATGGTGTGTTTTTGTGGCTGGGAGATATAATAAATACTCCAGGAATCTACCACAAA
 CTCCTTGGATAATTGATGGAGAAAGGAAGCTGGAATCTTCAGTGAAGAATTAATTTTCAGATCATCTGTT
 GGCAGTATTTAAAGCAGAGAGTTTTAATTTTCATCCTCTGGAAGAGAAGATGTAGATGTGAGAACATTA
 GGAAATGGAAGGCCCTTTGCAATTGAGCTGGTGAATCCTCATAGAGTACATTTCACTTCACAAGAAATTA
 AGGAATTCAGCAGAAATTAATAACTCATCTAACAAAATCCAAGTACGTGACTTGCAGCTTGTCAAG
 AGAGGCAATAGGACATATGAAAGAAGGTGAAGAAGAAAAGACAAAGACCTACAGTGCCTTAATTTGGACA
 AATAAAGCGATACAGAAGAAAGACATTGAATTCCTAAATGACATAAAGGACTTAAAAATCGACCAGAAAA
 CACCTTTGCGCGTCTTCCACCGAAGGCCCTGGCTGTGCGAGCTCGCGTCATTCACTTTCAGGACACA
 GTACGTGGATGAGCACCCTTCCGCTCCACTTGAAGAACTCAGGCTGGCACCTACATTAAGAGTTTGTA
 CATGGAGACTTCGGGAGAACCAAGCCAAACATTGGGTCCCTGATGAATGTGACTGCAGACATTCTGGAGC
 TGGATGTTGAGTCTGTAGATGTTGACTGGCCACCTGCTCTGGATGAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210979 protein sequence
 Red=Cloning site Green=Tags(s)

MFPLTEENKHVAQLLLNTGTCPRCIFRFGVDFHAPYKLPYKELLNELQKFLETEKDELILEVMNPPPK
 IRLQELEDSDNLQNGEGRIQSVHVGSTASKNSNLNVCNVCLGILQEFCEKDFIKKVCQKVEASGFEFT
 SLVFSVSFPQLSVREHAALLVKQEMGKQSLSLGRDDIVQLKEAYKWITHPLFSEELGVPIDGKSLFEV
 SVVFAHPETVEDCHFLAAICPDCFPAKNKQSVFTRMAVMKALNKIKEEDFLKQFPCPPNSPKAVCAVLE
 IECAHGAVFVAGRYNKYSRNLQTPWIIDGERKLESSVEELISDHLLAVFKAESFNFSGREDVDVRTL
 GNGRPFAIELVPHRVHFTSQEIKELQQKINNSSNKIQVRDLQLVTREIGHMKEGEEETKTYSALIWT
 NKAIQKKDIEFLNDIKDLKIDQKTPRLVLRPLAVRARVIHFMETQYVDEHHFRLHLKTQAGTYIKEFV
 HGDFGRTPKNIGSLMNVADILELDVESVDVDWPPALDD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_144709

ORF Size:

1587 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_144709.1</u>
RefSeq Size:	3820 bp
RefSeq ORF:	1590 bp
Locus ID:	150962
UniProt ID:	<u>Q3MIT2</u>
Cytogenetics:	2p16.1-p15
MW:	60.2 kDa