

Product datasheet for **RC201648A1V**

Human PUS3 (NM_031307) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PUS3 (NM_031307) AAV Particle
Tag:	Myc-DDK
Symbol:	PUS3
Synonyms:	2610020J05Rik; FKSG32; MRT55; NEDMIGS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC201648 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGATAATGACACAGACAGAAACCAGACTGAGAAGCTCCTAAAAAGAGTACGAGAAGTGGAGCAAG
 AGGTGCAAGACTTAAAAAGGAACAGGCCAAAAATAAGGAGGACTCAAACATTAGAGAAAATTCATCAGG
 AGCTGGAATAAAGCGTGCATTTGATTTAGTGTCTCATGGCCGAAGACACGTAGCCCTAAGAATAGCC
 TATATGGGCTGGGATACAGGGCTTTGCTAGTCAGGAAAAACAAATAATACCATTAAGAGAAAATGT
 TTGAAGCTCTAACCAAGACTCGACTAGTAGAAGCAGACAGACATCCAATATCACCGATGTGGGAGAAC
 AGATAAAGGAGTTAGTGCCTTTGGACAGGTGATCTCACTTGACCTTCGCTCTCAGTTTCAAGGGGCAGG
 GATTCCGAGGACTTTAATGTAAAGAGGAGGCTAATGCTGCTGCTGAAGAGATCCGTTATACCCACATTC
 TCAATCGGGTACTCCCTCCAGACATCCGTATATTGGCCTGGGCCCTGTAGAACCAAGCTTCAGTGCTAG
 GTTCAGCTGCCTTGAGCGGACTTACCGCTATTTTTCCCTCGTCTGATTTAGATATTGTAACCATGGAT
 TATGCAGCTCAGAAGTATGTTGGCACCCATGATTTAGGAACCTGTGTAAAAATGGATGTAGCCAACGGTG
 TGATTAATTTTCAGAGGACTATTCTATCTGCTCAAGTACAGCTAGTGGGCCAGAGCCAGGTGAGGGGAG
 ATGGCAAGAACCTTTCCAGTTATGTGAGTTTGAAGTACTGGCCAGGCATTCTTTATCATCAAGTCCGA
 TGTATGATGGCTATCCTCTTTCTGATTGGCCAAGGAATGGAGAAGCCAGAGATTATTGATGAGCTGCTGA
 ATATAGAGAAAAATCCCCAAAGCCTCAATATAGTATGGCTGTAGAATTCCTCTAGTCTTATATGACTG
 TAAGTTTGAAATGTCAAGTGGATCTATGACCAGGAGGCTCAGGAGTTCAATATTACCCACCTACAACAA
 CTGTGGGCTAATCATGCTGTCAAACTCACATGTTGTATAGTATGCTACAAGGACTGGACACTGTTCCAG
 TACCCTGTGGAATAGGACCAAGATGGATGGAATGACAGAATGGGGAAATGTTAAGCCCTCTGTCAATAA
 GCAGACCAAGTGCCTTTGTAGAAGGAGTGAAGATGCGCACATATAAGCCCCTCATGGACCGTCTAAATGC
 CAAGGACTGGAATCCCGATCCAGCATTTTGTACGTAGGGGACGAATTGAGCACCCACATTTATTCCATG
 AGGAAGAAACAAAGCCAAAGGACTGTAATGACACACTAGAGGAAGACAATACTAATTTGGAGACACC
 AACGAAGAGGGTCTGTGTTGACACAGAAATTAAGCATCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201648 protein sequence
 Red=Cloning site Green=Tags(s)

MADNDTDRNQTEKLLKRVRELEQEVQRLKKEQAKNKEDSNIRENSSGAGTKRAFDFSAHGRRHVALRIA
 YMGWGYQGFASQENTNNTIEEKLFEALTKTRLVESRQTSNYHRCGRDVGVSFAFGQVISLDRSQFPRGR
 DSEDFNVKEEANAEEIERYTHILNRVLPPDIRILAWAPVEPSFSARFSCLERTYRYFFPRADLDIVTMD
 YAAQKYVGTHDFRNLCKMDVANGVINFORILSAQVQLVGQSPGEGRWQEPFQLCQFEVTGQAFLYHQVR
 CMMAILFLIGQMEKPEIIDELLNIEKNPQKPQYSMAVEFPLVLYDCKFENVKWIYDQEAQEFNITHLQQ
 LWANHAVKTHMLYSMLQGLDTPVPCGIGPKMDGMTWGNVKSPIKQTSFAFVEGVKMRTYKPLMDRPPK
 QGLESRIQHFRVRRGRIEHPHLFHEEETKAKRDCNDTLEEDNTNLETPTKRVCDTEIKSII

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_031307

ORF Size:

1443 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_031307.2, NP_112597.2</u>
RefSeq Size:	1862 bp
RefSeq ORF:	1446 bp
Locus ID:	83480
UniProt ID:	<u>Q9BZE2</u>
Cytogenetics:	11q24.2
MW:	55.6 kDa