

Product datasheet for **RC202307A1V**

Human PSMD3 (NM_002809) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PSMD3 (NM_002809) AAV Particle
Tag:	Myc-DDK
Symbol:	PSMD3
Synonyms:	P58; RPN3; S3; TSTA2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202307 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCAGGAGGGCTCGGCGCGGCCCGCGCGGACAAAGCGAAACCGCGCCCGGCGGAGGAGAAC
 AAGAACCCCCACCGCGCGGCCCGGCCAGGATGTGGAGATGAAAGAGGAGGCAGCGACGGGTGGCGGGTC
 AACGGGGGAGGCAGACGGCAAGACGGCGCGGAGCGGCTGAGCACTCCAGCGAGAGCTGGACACAGTC
 ACCTTGAGGAGACATCAAGGAGCAGCTGAAACAGCTAGAGAAAGCGGTTTCAGGCAAGGAGCCGAGATTCTG
 TGCTGCGGGCCCTGCGGATGCTGCCTTCCACATCACGCCGCTCAACCACTATGTTCTGTATAAGGCTGT
 GCAGGGCTTCTCACTTCAAATAATGCCACTCGAGACTTTTGTCTCCCTTCTGGAAGAGCCCATGGAC
 ACAGAGGCTGATTTACAGTTCGTCCCCGACGGGAAAAGCTGCGTCGAACACCTCTCGCTGAAGTGG
 AAGCCTATCTCAACTCCTCGTGGTCATCTTCATGATGAACAGCAAGCGCTACAAAGAGGCACAGAAGAT
 CTCTGATGATCTGATGCAGAAGATCAGTACTCAGAACCAGCGGCCCTAGACCTTGATAGCCGAAAGTGT
 TACTATTATCACGCCCGGGTCTATGAGTTCCTGGACAAGCTGGATGTGGTGCGCAGCTTCTTGATGCTC
 GGCTCCGGACAGCTACGCTTCGGCATGACGCAGACGGGAGGCCACCCTGTTGAACCTCTGCTGCGGAA
 TTACCTACACTACAGCTTGACGACAGGCTGAGAAGCTGGTGTCCAAGTCTGTGTTCCAGAGCAGGCC
 AACAACATGAGTGGGCCAGGTACCTCTACTACACAGGCGCAATCAAAGCCATCCAGCTGGAGTACTCAG
 TGGCCCGGAGAACGATGACCAACGCCCTTCGCAAGGCCCTCAGCACACAGCTGTGCGCTTCAAACAGAC
 GGTGCACAAGCTTCTCATCGTGGTGGAGCTGTTGCTGGGGGAGATCCCTGACCGGCTGCAGTTCGCCAG
 CCCTCCCTCAAGCGCTCACTCATGCCCTATTTCTTCTGACTCAAGCTGTCAGGACAGGAAACCTAGCCA
 AGTTCAACCAGTCTCGATCAGTTTGGGGAGAAGTTTCAAGCAGATGGGACCTACACCTAATTATCCG
 GCTGCGGCACAACGTGATTAAGACAGGTGTACGCATGATCAGCCTCTCCTATTCCCGAATCTCCTTGGCT
 GACATCGCCCAAGCTGCAGTTGGATAGCCCCGAAGATGCAGAGTTCATTGTTGCCAAGGCCATCCGGG
 ATGGTGTCAATTGAGGCCAGCATCAACCACGAGAAGGGCTATGTCCAATCCAAGGAGATGATTGACATCTA
 TTCCACCCGAGAGCCCGAGCTAGCCTTCCACAGCGCATCTCCTTCTGCCTAGATATCCACAACATGTCT
 GTCAAGGCCATGAGGTTTCTCCCAAATCGTACAACAAGGACTTGGAGTCTGCAGAGGAACGGCGTGAGC
 GAGAACAGCAGGACTTGGAGTTGCCAAGGAGATGGCAGAAGATGATGATGACAGCTTCCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202307 protein sequence
 Red=Cloning site Green=Tags(s)

MKQEGSARRRGADKAKPPPGGGEQEP PPPAPQDVEMKEEAATGGGSTGEADGKTA AAAAEHSQRELDTV
 TLEDIKEHVQLEKAVSGKEPRFVLRALRMLPSTSRRLNHYVLKAVQGFFTSNNATRDFLLPFLEPM
 TEADLQFRPRTGKAASNTLLPEVEAYLQLLVIFMMNSKRYKEAQKISDDLQKISTQNRRLDLVAAK
 YYYHARVYEFLLDKLDVRSFLHARLRTATLRHDADGQATLLNLLRNLYHSLYDQAEKLVSKSVFPEQA
 NNNEWARYLYYTGRKAIQLEYSVARRMTNALRKAPQHTAVGFKQTVHKLLIVVELLLGEIPDRLQFRQ
 PSLKRSMPYFLLTQAVRTGNLAKFNQVLDQFGEKFQADGTYTLIIRLRHNVIKTGVRMISLSYSRISLA
 DIAQKLQLDSPEDAEIFVAKAIRDGVIEASINHEKGYVQSKEMIDIYSTREPQLAFHQIRISFCLDIHMS
 VKAMRFPKSYNKDLESAEERREREQQDLEFAKEMAEDDDDSFP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002809

ORF Size:

1602 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_002809.2</u>
RefSeq Size:	2187 bp
RefSeq ORF:	1605 bp
Locus ID:	5709
UniProt ID:	<u>O43242</u>
Cytogenetics:	17q21.1
MW:	61 kDa