

Product datasheet for **RC206027A1V**

Human VPS45A (VPS45) (NM_007259) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VPS45A (VPS45) (NM_007259) AAV Particle
Tag:	Myc-DDK
Symbol:	VPS45
Synonyms:	H1; H1VPS45; SCN5; VPS45A; VPS45B; VPS54A; VSP45; VSP45A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206027 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAACGTGGTTTTTCTGTGAAGCAGTACATTTCCAAAATGATAGAGGACAGCGGCCTGGTATGAAAG
 TACTTCTCATGGATAAAGAGACGACTGGCATAGTGAGTATGGTATACACACAATCGGAGATTCTACAGAA
 GGAAGTGACCTCTTTGAACGCATTGATTCTCAAAATCGAGAGATCATGAAACACCTGAAGGCAATTTGT
 TTTCTTCGACCTACAAAGGAGAATGTGGATTATATTATTCAGGAGCTCCGAAGACCCAAATACACTATAT
 ATTTCAATTTATTTAGTAATGTGATCAGCAAGAGTGACGTGAAGTCATTGGCTGAAGCTGATGAACAGGA
 AGTTGTGGCTGAGGTTTCAAGAAATTTATGGTGATTACATTGCTGTGAACCCACATTTGTTTTCCCTCAAT
 ATTTTGGGTTGCTGCCAGGTCGAAATTTGGATCCAGCCAGCTATCTAGAACAACCTCAAGGGCTTACAG
 CTCTCCTTTTATCTCTGAAGAAGTGCCATGATTGTTATCAGCTCTCATCAGAGGCAGCAAGAGACT
 TGCAGAGTGCGTTAAGCAAGTGATAACTAAAGAATATGAACTGTTTGAATTCCGTCGGACAGAGGTTCTCT
 CCATTGCTCCTTATTTTAGATCGCTGTGATGATGCCATCACCCATTGCTAAACCAAGTGGACATATCAGG
 CCATGGTCCACGAACTACTAGGCATAAAACAACATCGGATTGATCTTTCCAGAGTGCCGGAATCAGTAA
 AGACTTAAGAGAAGTGGTCTATCTGCTGAAAATGATGAATCTATGCTAATAATATGTACCTGAACCTTT
 GCTGAGATTGGTAGCAATATAAAGAATCTCATGGAAGATTTTCAGAAGAAGAAACCAAAAGAACAGCAAA
 AACTAGAATCAATAGCAGACATGAAGGCGTTTGTGAGAATTATCCACAGTTCAAGAAAATGTCTGGGAC
 TGTTTCAAAGCATGTGACAGTGGTTGGAGAAGTGTCTCGATTGGTCAGTGAACGGAATCTGCTGGAGGTT
 TCAGAGGTTGAGCAAGAACTGGCCTGTCAAAATGACCATTCTAGTGCTCTCCAGAATATAAAAAGGCTTC
 TGCAGAACCCCAAGTGACAGAGTTTGATGCTGCCCGCTGGTGATGCTTTATGCTTTACATTATGAGCG
 ACACAGCAGCAATAGCCTGCCAGGACTAATGATGGACCTCAGGAATAAAGGTGTTTCTGAGAAGTATCGA
 AAGCTCGTGTCTGCAGTTGTTGAATATGGTGGTAAACGAGTCAGAGGAAGTACCTCTTCAGCCCAAG
 ATGCTGTGGCTATCACCAACAATTCTCAAAGGACTGAAGGGAGTAGAAAATGTATATACACAGCATCA
 ACCTTTCTACATGAAACCTGGATCATCTCATCAAAGGAAGGCTTAAGGAAAACCTATATCCTTATTTA
 GGCCCCAGCACACTCAGAGACAGACCTCAGGATATCATTGTGTTTGAATTGGAGGAGCCACCTATGAAG
 AGGCTCTAACAGTTTATAACCTGAACCGCACCCTCTGGAGTGAGGATTGTCTGGGAGGCACCACAGT
 GCACAACACGAAAAGTTTCTAGAGGAAGTTCTGGCTTCTGGACTGCACAGCCGAAGCAAGGAGAGCTCT
 CAAGTCACATCAAGGTCAGCGAGCAGAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206027 protein sequence
 Red=Cloning site Green=Tags(s)

MNVVFAVKQYISKMIEDSGPGMKVLLMDKETTGVSMVYTQSEILQKEVYLFERIDSQNREIMKHLKAIC
 FLRPTKENVDYIIQELRRPKYTIYFIYFSNVISKSDVKSLEAEDEQEVVAEVQEFYGDYIAVNPFLSLN
 ILGCCQGRNWDPAQLSRTTQGLTALLSLKKCPMIRYQLSSEAAKRLAECVKQVITKEYELFEFRRETEVP
 PLLLLILDRCDDAITPLLNQWTYQAMVHELLGINNNRIDLSRVPGISKDLREVVLVAENDEFYANNMYLNF
 AEIGSNIKLMEDFQKKKPKKEQKLESIADMKAFVENYPQFKKMSGTVSKHVTVVGELSRLVSENNLLEV
 SEVEQELACQNDHSSALQNIKRLQNPKVTEFDAARLVMYLALHYERHSSNSLPGLMMDLRNKGVSEKYR
 KLVSAYVEYGGKRVGSDLFSPKDAVAITKQFLKGLKGVENVYTHQPFLETLDHLIKGRLKENLYPYL
 GPSTLRDRPQDIIVFVIGGATYEEALTVYNLNRTPGVRIVLGGTTVHNTKSFLEEVLASGLHSRSKES
 QVTSRSASRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_007259
ORF Size:	1710 bp
Buffer:	PBS with 0.001% Pluronic F5800
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_007259.3</u>
RefSeq Size:	2824 bp
RefSeq ORF:	1713 bp
Locus ID:	11311
UniProt ID:	<u>Q9NRW7</u>
Cytogenetics:	1q21.2
MW:	65.1 kDa