

Product datasheet for **RC202151A1V**

Human VPS33A (NM_022916) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VPS33A (NM_022916) AAV Particle
Tag:	Myc-DDK
Symbol:	VPS33A
Synonyms:	MPSPS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202151 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGCGGCTCATCTGCTCCTACGGCCGAGTGAACCTAACGTGTTGCGCGAGGCGGTGCGTCGCGAGCTGC
GCGAGTTCCTGGACAAGTGCGCAGGAAGCAAGGCAATAGTTTGGGATGAATACCTAACTGGACCTTTGG
CCTGATTGCACAGTATTCACTATTGAAGGAACATGAAGTGGAATAATGTTTACACTTAAAGGAAATCGT
TTGCCGCGAGCTGATGTGAAGAATAAATTTTTTTGTCAGACCCAGGCTAGAGTTGATGGATATAATCG
CTGAAACGTGCTCAGTGAAGATAGACGAGGCCAACGAGAGATTTTCATATTCTGTTTGTGCCACGCCG
TAGCCTGTTGTGCAACAGCGGTTGAAGGATCTGGGTGTCTGGGATCCTTTATTCACAGGGAGGAGTAC
AGCTTAGATCTCATTCCATTGATGGGATCTCTATCCATGGAATCAGAGGGTGCATTCAAAGAGTGCT
ACCTGGAGGGTGACCAGACGAGCCTGTACCACGACGCCAAGGGGCTGATGACCCTGCAAGCTCTGTATGG
AACGATCCCCAGATCTTTGGGAAAGGAGAATGCGCTCGGCAAGTGCCAATATGATGATCAGGATGAAG
AGAGAGTTTACAGGAAGCCAGAATCAATATTTCTGTTTTGATAATCTCTGTTGCTTGATCGGAATG
TGGATTTATTAACACCTCTTGCCACTCAGCTGACATATGAAGGACTCATTGATGAAATTTATGGCATTCA
GAACAGTTATGTGAAATTACCTCCAGAGAAATTTGCACCTAAGAAACAGGGCGATGGTGGTAAGGACCTC
CCCACGGAAGCAAGAAGCTGCAGCTGAATTCGAGAGGAGCTCTATGCTGAGATCCGAGATAAGAACT
TCAACGCGAGTTGGCTCTGTGCTCAGCAAGAAAGCAAAGATCATCTCTGCAGCATTGAGGAAAGACACAA
TGCTAAGACCGTGGGGGAGATCAAGCAGTTTGTTCACAGTTGCCACATGCAGGCAGCAAGGGGCTCG
CTTGCAAAACCATACCTCAATTGCAGAATTGATCAAAGATGTCACTACTTCTGAAGACTTTTTTGATAAT
TAACCGTGGAAACAGGAGTTTATGTCTGGAATAGACACTGATAAGGTCAACAATTACATTGAGGATTGTAT
CGCCCAAAAGCACTCGTTGATCAAGGTGTTAAGACTAGTTTGCTCCAATCCGTGTGTAATAGTGGGCTC
AAACAAAAAGTTTTGGATTATTACAAAAGAGAGATTCTCCAGACATACGGCTATGAGCACATATTGACCT
TACACAACCTGGAGAAGGCCGCTGCTGAAACCGCAGACGGGGGCAGAAACAATTACCAACTATACG
GAAAACATTACGCTCTGGATGGATGATGTTAATGAGCAAAACCCACGACATATCGTATGTGTACAGT
GGGTATGCCCCGCTCAGTGTGCGGCTGGCCAGCTGCTTTCCCGGCTGGCTGGCGGAGCATCGAGGAGG
TCCTCCGCATCTCCAGGGCCCACTTTGAGGAGCGGCAGCCACTGCCACAGGACTGCAGAAGAAACG
TCAACCGGAGAAAACCGAGTGACTCTGATATTTTCTTGGGGCGTAACCTTCGCTGAAATTGCTGCC
CTGCGATTTCTCTCCAGTTGGAAGATGGAGGTACAGAATATGTCATTGCCACCACTAACTAATGAATG
GAACAGTTGGATAGAGGCTCTGATGAAAAACCTTTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202151 protein sequence

Red=Cloning site Green=Tags(s)

 MAAHLSYGRVNLNVLREAVRRELREFLDKAGSKAIVWDEYLTGPFGLIAQYSLKEHEVEKMFLLKGNR
LPAADVKNIIFFVRPRLELMDIIAENVLSEDRGPTRDFHILFVPRRSLICEQRLKDLGLVLSFIHREEY
SLDLIPFDGDLMSMESEGAFCYLEGDQTSLYHAAKGLMTLQALYGTIPQIFGKGECARQVANMMIRMK
REFTGSQNSIFPVFDNLLLLDRNVDLLTPLATQLTYEGLIDEIYGIQNSYVKLPPEKFAPKKQGDGGKDL
PTEAKKLQLNSAEELYAEIRDKNFNAGSVLSKKAKIISAAFEERHNAKTVGEIKQFVSQPLHMQAARG
LANHTSIAELIKDVTTSEDFDKLTVEQEFMSGIDTDKVNYYIEDCIAQKHSILKVLRLVCLQSVCSNGL
KQKVLDDYKREILQTYGYEHILTLHNLEKAGLLKPQTGGRNYPYTIKTLRLWMDDVNEQNPTDISYVYS
GYAPLSVRLAQLLSRPGWRSIEEVLRLPGPHFEERQPLPTGLQKKRQPGENRVTLIFFLGGVTFAEIAA
LRFLSQLDGGTEYVIATTKLMNGTSWIEALMEKPF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_022916
ORF Size:	1788 bp
Buffer:	PBS with 0.001% Pluronic F5286
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_022916.4</u>
RefSeq Size:	2628 bp
RefSeq ORF:	1791 bp
Locus ID:	65082
UniProt ID:	<u>Q96AX1</u>
Cytogenetics:	12q24.31
MW:	67.6 kDa