

Product datasheet for **RC202201A1V**

Human VAT1 (NM_006373) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VAT1 (NM_006373) AAV Particle
Tag:	Myc-DDK
Symbol:	VAT1
Synonyms:	VATI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202201 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCGACGAGAGAGAGGTAGCCGAGGCAGCGACCGGGGAAGACGCCTCTTCGCCGCCTCCGAAAACCG
AGGCAGCGAGCGACCCCCAGCATCCCGCGGCCTCCGAAGGGGCCCGCCGCCGCCGCCTCGCCGCCACT
GCTGCGCTGCCTAGTGCTCACC GGCTTTGGAGGCTACGACAAGGTGAAGCTGCAGAGCCGGCCGGCAGCG
CCCCGGCCCCCTGGGCCCGGCCAGCTGACGCTGCGTCTGCGGGCCTGCGGGCTCAACTTCGACAGACCTCA
TGGCTAGGCAGGGGCTGTACGACCGTCTCCCGCCTCTGCCTGTCACTCCGGGCATGGAGGGCGCGGGTGT
TGTGATCGCAGTGGGCGAGGGAGTCAGCGACCGCAAGGCAGGAGACCGGGTATGGTGTTGAACCGGTCA
GGGATGTGGCAGGAAGAGGTGACTGTGCCCTCGGTCCAGACCTTCCTGATTCTGAGGCCATGACCTTTG
AGGAAGCTGCTGCCTTGCTCGTCAATTACATTACAGCCTACATGGTCTCTTTGACTTCGGCAACCTACA
GCCTGGCCACAGCGTCTTGGTACACATGGCTGCAGGGGGTGTGGGTATGGCTGCCGTGCAGCTGTGCCGT
ACAGTGGAGAATGTGACAGTGTTCGGAACGGCCTCGGCCAGCAAGCACGAGGCACTGAAGGAGAATGGGG
TCACACATCCCATCGACTATCACACGACTGACTACGTGGATGAGATCAAGAAGATTTCCCTAAAGGAGT
GGACATTGTGATGGACCTCTGGGTGGGTGAGTACTGCCAAGGGCTACAACCTCTGAAACCCATGGGC
AAAGTCGTACCTATGGAATGGCAACCTGCTGACGGGCCCAACGGAACCTGATGGCCCTGGCCCGGA
CATGGTGAATCAGTTCAGCGTGACAGCTCTGCAGCTGCTGCAGGCCAACCGGGCTGTGTGTGGCTTCCA
CCTGGGTACCTGGATGGTGGGTGGAGCTGGTCAAGTGGTGGTGGCCCGCCTCTGGCTCTGTACAAC
CAGGGCCACATCAAGCCCCACATTGACTCAGTCTGGCCCTTCGAGAAGGTGGCTGATGCCATGAAACAGA
TGCAGGAGAAGAAGATGTGGGCAAGTCTCTGTTCCAGGGCCAGAGAAGGAGAAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC202201 protein sequence Red=Cloning site Green=Tags(s) MSDEREVAEAAATGEDASSPPPKTEAASDPQHPAASEGAAAAAASPPLLRLCLVLTGFGGYDKVKLQSRPAA PPAPGPGQLTLRLRACGLNFADLMARQGLYDRLPPLPVTGMEGAGVVIAGGEGVSDRKAGDRVMVLNRS GMWQEEVTPSVQTFLIPEAMTFEEAALLVNYITAYMVLDFGNLQPGHSLVHMAAGGVGMAAVQLCR TVENVTVFGTASASKHEALKENGVTHTPIDYHTTDYVDEIKKISPKGVDIVMDPLGGSDTAKGYNLLKPMG KVVTYGMANLLTGPKRNLALARTWWNQFSVTALQLLQANRAVCGFHLGYLDGEVELVSGVVARLLALYN QGHKPHIDSVWPFKQVADAMKQMQEKKNVGKVLVPGPEKEN SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006373
ORF Size:	1179 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_006373.3</u>
RefSeq Size:	2758 bp
RefSeq ORF:	1182 bp
Locus ID:	10493
UniProt ID:	<u>Q99536</u>
Cytogenetics:	17q21.31
MW:	41.9 kDa