

Product datasheet for **RC219125A1V**

Human Uridine Phosphorylase 1 (UPP1) (NM_181597) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Uridine Phosphorylase 1 (UPP1) (NM_181597) AAV Particle
Tag:	Myc-DDK
Symbol:	Uridine Phosphorylase 1
Synonyms:	UDRPASE; UP; UPASE; UPP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC219125 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCCACGGGAGCCAATGCAGAGAAAGCTGAAAGTCACAATGATTGCCCGTCAGACTTTTAAATC
CAAACATAGCAAAAATGAAAGAAGATATTCTCTATCATTTCAATCTCACCCTAGCAGACACAATTTCCC
AGCCTTGTTTGGAGATGTGAAGTTTGTGTGTGTTGGTGAAGCCCTCCCGGATGAAAGCCTTCATCAGG
TGCCTTGGTGCAGAGCTGGGCCCTTACTGCCCAGGTAGAGACTATCCCAACATCTGTGCGGGAAGTACC
GCTATGCCATGTATAAGTAGGACCGGTGCTGTCTGTCTGTCAGTCATGGTATGGGCATTCTTCTATCTCAAT
CATGTTGCATGAGCTCATAAAGCTGCTGTACTATGCCCGGTGCTCCAACGTCACTATCATCCGCATTGGC
ACTTCTGGTGGGATAGGTCTGGAGCCCGGCACTGTGGTCATAACAGAGCAGGCAGTGGATACCTGCTTCA
AGGCAGAGTTTGAGCAGATTGCTCTGGGAAGCGGGTCATCCGAAAACGGACCTTAACAAGAAGCTGGT
GCAGGAGCTGTTGCTGTGTTCTGCAGAGCTGAGCGAGTTCACCACAGTGGTGGGAACACCATGTGCACC
TTGGACTTCTATGAAGGGCAAGGCCGTCTGGATGGGGCTCTGCTCTACACGGAGAAGGACAAGCAGG
CGTATCTGGAGGCAGCCTATGCAGCCGGCGTCCGCAATATCGAGATGGAGTCTCGGTGTTTGCCGCCAT
GTGCAGCGCCTGCGGCCTCAAGCGGCCGTGGTGTGTGTACCCCTCCTGAACCGCCTGGAAGGGGACCAG
ATCAGCAGCCCTCGCAATGTGCTCAGCGAGTACCAGCAGAGGCCGAGCGGCTGGTGAGCTACTTCATCA
AGAAGAACTGAGCAAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC219125 protein sequence Red=Cloning site Green=Tags(s) MAATGANAEKAESHNDPCVRLNPNIAKMKEDILYHFNLTTSRHNFPALFGDVKFVCGGSPSRMKAFIR CVGAELGLDCPGRDYPNICAGTDRYAMYKVGVLVSHGMGIPSSISIMLHELKLLYYARCSNVTIIRIG TSGGIGLEPGTVVITEQAVDTCFKAEFEQIVLGKRVIRKTDLNKKLVQELLLCSAELSEFTTVVGNMCT LDFYEGQGRLDGALCSYTEKDKQAYLEAAYAAGVRNIEMESSVFAAMCSACGLQAAVVCVTLNRLLEGDQ ISSPRNVLSEYQQRQPRLVSYFIKKKLSKA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_181597
ORF Size:	930 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_181597.1, NP_853628.1</u>
RefSeq Size:	1857 bp
RefSeq ORF:	932 bp
Locus ID:	7378
Cytogenetics:	7p12.3
MW:	33.9 kDa