

Product datasheet for **RC218901A1V**

Human UCP1 (NM_021833) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UCP1 (NM_021833) AAV Particle
Tag:	Myc-DDK
Symbol:	UCP1
Synonyms:	SLC25A7; UCP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218901 representing NM_021833 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGGGGCCTGACAGCCTCGGACGTACACCCGACCCTGGGGGTCCAGCTCTTCTCAGCTGGAATAGCGG
CGTGCTTGGCGGACGTGATCACCTTCCCGCTGGACACGGCCAAAGTCCGGCTCCAGGTCCAAGGTGAATG
CCCGACGTCCAGTGTTATTAGGTATAAAGGTGTCCTGGGAACAATCACCGCTGTGGTAAAAACAGAAGGG
CGGATGAACTCTACAGCGGGCTGCCTGCGGGGCTTCAGCGGCAAATCAGCTCCGCCTCTCTCAGGATCG
GCCTCTACGACACGGTCCAGGAGTTCTCACCGCAGGGAAGAAACAGCACCTAGTTTAGGAAGCAAGAT
TTTAGCTGGTCTAACGACTGGAGGAGTGGCAGTATTCATTGGGCAACCCACAGAGGTCGTGAAAGTCAGA
CTTCAAGCACAGAGCCATCTCCACGGAATCAAACCTCGCTACACGGGGACTTATAATGCGTACAGAATAA
TAGCAACAACCGAAGGCTTGACGGGTCTTTGGAAAGGGACTACTCCCAATCTGATGAGAAGTGTCATCAT
CAATTGTACAGAGCTAGTAACATATGATCTAATGAAGGAGGCCTTTGTGAAAAACAACATATTAGCAGAT
GACGTCCCTGCCACTTGGTGTGCGCTCTTATCGCTGGATTTTGCACAACAGCTATGTCCTCCCGGTGG
ATGTAGTAAAAACCAGATTTATTAATTCTCCACCAGGACAGTACAAAAGTGTGCCCAACTGTGCAATGAA
AGTGTTCACTAACGAAGGACCAACGGCTTTCTCAAGGGGTTGGTACCTTCCTTCTGCGACTTGGATCC
TGAACGTCATTATGTTTGTGCTTTGAACAACGAAACGAGAACTGTCAAAGTCAAGGCAGACTATGG
ACTGTGCCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC218901 representing NM_021833 Red=Cloning site Green=Tags(s) MGGLTASDVHPTLGVQLFSAGIAACLADVITFPLDTAKVRLQVQGECPTSSVIRYKGVLTITAVVKTEG RMKLYSGLPAGLQRQISSASLRIGLYDTVQEFLETAGKETAPSLGSKILAGLTGGVAVFIGOPTVVKVR LQAQSHLHGKIPRYTGTYNAYRIATTEGLTGLWKGTPNLMRSVIINCTELVTYDLMKEAFVKNNILAD DVPCHLVSALIAGFCATAMSSPDVVKTRFINSPPGQYKSVPCAMKVFTNEGPTAFFKGLVPSFLRLGS WNVIMFVCFEQLKRELSKSRQTMDCAT* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021833
ORF Size:	921 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:	NM_021833.3
RefSeq Size:	1047 bp
RefSeq ORF:	924 bp
Locus ID:	7350
UniProt ID:	P25874
Cytogenetics:	4q31.1
MW:	32.8 kDa