

Product datasheet for **RC221369A1V**

Human UCP4 (SLC25A27) (NM_004277) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UCP4 (SLC25A27) (NM_004277) AAV Particle
Tag:	Myc-DDK
Symbol:	UCP4
Synonyms:	UCP4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC221369 representing NM_004277 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCCGTCCCGAGGAGGAGGAGAGGCTTTTGCCGCTGACCCAGAGATGGCCCCGAGCGAGCAAATTC
TACTGTCCGGCTGCGCGGCTACCGTGGCCGAGCTAGCAACCTTTCCCCTGGATCTCACAAAACCTCGACT
CCAAATGCAAGGAGAAGCAGCTCTTGTCTGGTGGGAGACGGTGCAAGAGAATCTGCCCCCTATAGGGGA
ATGGTGCGCACAGCCCTAGGGATCATTGAAGAGGAAGGCTTTCTAAAGCTTTGGCAAGGAGTGACACCCG
CCATTTACAGACACGTAGTGTATTCTGGAGGTCGAATGGTCACATATGAACATCTCCGAGAGGTTGTGTT
TGGCAAAAGTGAAGATGAGCATTATCCCCTTTGGAAATCAGTCATTGGAGGGATGATGGCTGGTGTATT
GGCCAGTTTTTAGCCAATCCAACCTGACCTAGTGAAGGTTGAGATGCAAAATGGAAGGAAAAAGGAACTGG
AAGGAAAACCATTTGCGATTTCTGGTGTACATCATGCATTTGCAAAAATCTTAGCTGAAGGAGGAATACG
AGGGCTTTGGGCAGGCTGGGTACCCAATATACAAAGAGCAGCACTGGTGAATATGGGAGATTTAACCCT
TATGATACAGTGAACACTACTTGGTATTGAATACCACTTGAGGACAATATCATGACTCACGGTTTAT
CAAGTTTATGTTCTGGACTGGTAGCTTCTATTCTGGGAACACCAGCCGATGTCATCAAAAGCAGAATAAT
GAATCAACCACGAGATAAACAAGGAAGGGGACTTTTGTATAAATCATCGACTGACTGCTTGATTCAGGCT
GTTCAAGGTGAAGGATTCATGAGTCTATATAAAGGCTTTTACCATCTTGGCTGAGAATGACCCCTTGGT
CAATGGTGTCTGGCTTACTTATGAAAAATCAGAGAGATGAGTGGAGTCAGTCCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC221369 representing NM_004277 Red=Cloning site Green=Tags(s) MSVPEEEERLLPLTQRWPRASKFLLSGCAATVAELATFPLDLTKTRLQMQGEAALARLGDGARESAPYRG MVRTALGIIIEEGFLKLWQGVTPAIYRHVVYSGGRMVTYEHLEVVFGKSEDEHYPLWKSIVIGGMMAGVI GQFLANPTDLVKVQMMEGKRKLEGKPLRFRGVHHAFAKILAEGGIRGLWAGWVPNIQRAALVNMGDLTT YDTVKHYLVLNTPLEDNIMTHGLSSLC SGLVASILGTPADVIKSRIMNQPRDKQGRGLLYKSSDCLIQA VQGEGFMSLYKGFLPSWLRMTPWSMVFWLTYEKIREMSGVSPF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004277
ORF Size:	969 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_004277.3, NP_004268.3</u>
RefSeq Size:	2959 bp
RefSeq ORF:	972 bp
Locus ID:	9481
UniProt ID:	<u>O95847</u>
Cytogenetics:	6p12.3
MW:	35.9 kDa