

Product datasheet for **RC210550A1V**

Human Acyl coenzyme A Thioesterase 4 (ACOT4) (NM_152331) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Acyl coenzyme A Thioesterase 4 (ACOT4) (NM_152331) AAV Particle
Tag:	Myc-DDK
Symbol:	Acyl coenzyme A Thioesterase 4
Synonyms:	PTE-Ib; PTE1B; PTE2B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210550 representing NM_152331 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCAGCAACGCTGATCCTGGAGCCCCAGGCCGCTGCTGCTGGAACGAGCCGGTGCGCATTGCCGTGC
GCGGCCTGGCCCCGAGCAGCGGGTTACGCTGCGCGCTCCCTGCGCGACGAGAAGGGCGCGCTCTTCCG
GGCCACGCGCGCTACTGCGCCGACGCCCGCGCGAGCTGGACCTGGAGCGCGCACCCGCGCTGGCGGC
AGCTTCGCGGGACTCGAGCCCATGGGGCTGCTCTGGGCCCTGGAACCCGAGAAGCCTTTTGGCGCTTCC
TGAAGCGGGAGCTACAGATTCTTTTGTCTGGAGTTGGAGGTGCTGGACGGCCACGACCCGAGCCTGG
ACGGCTGCTGTGCCAGGCGCAGCAGCAGCGCCACTTCCTCCCGCCAGGGGTGCGGCGCCAGTCCGTGCGA
GCGGGCCGGGTGCGCGCCACGCTCTTCTGCCGCCAGGACCTGGACCTTCCCAGGGATCATTGACATCT
TTGGTATTGGAGGGGGCCTCTTGAATATCGAGCCAGCCTCCTTGCTGGCCATGGCTTTGCCACGTTGGC
TCTAGCTTATTATAACTTTGAAGATCTCCCAATAACATGGACAACATATCCCTGGAGTACTTGAAGAA
GCCGTATGCTACATGCTTCAACATCCCCAGGTAAGAGGCCAGGCATTGGGCTTTTGGCATTCTCTAG
GAGCTGATTTTGTCTCTCAATGGCCTCATTCTGAAGAATGTCTCAGCCACAGTTTCCATCAATGGATC
TGGGATCAGTGGGAACACAGCCATCACTATAAGCACAGTAGCATTCCACCATTGGGCTATGACCTGAGG
AGAATCAAGGTAGCTTTCTCAGGCCTCGTGGACATTGTGGATATAAGGAATGCTCTCGTAGGAGGTACA
AGAACCCAGCATGATTCCAATAGAGAAGGCCAGGGGCCATCCTGCTCATTGTTGGTCAGGATGACCA
TAACTGGAGAAGTGAGTTGTATGCCCAAACAGTCTCTGAACGGTTACAGGCCCATGGAAGGAAAAACCC
CAGATCATCTGTTACCCTGGGACTGGGCATTACATCGAGCCTCCTTACTTCCCCCTGTGCCAGCTTCCC
TTCACAGATTACTGAACAAACATGTTATATGGGGTGGGAGGCCAGGGCTCATTCTAAGGCCAGGAAGA
TGCTTGAAGCAAATTCTAGCCTTCTTGTCAAACACCTGGGAGGTACCCAGAAAACAGCTGTCCCTAA
TTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210550 representing NM_152331 Red=Cloning site Green=Tags(s) MSATLILEPPGRCCWNEPVRIAVRGLAPEQRVTLRASLRDEKGALFRAHARYCADARGELDLERAPALGG SFAGLEPMGLLWALEPEKPFWRFLKRDVQIPFVVELEVLDGHDPEPGRLLCQAQHERHFLPPGVRRQSVR AGRV RATLFLPPGPGPFPGI IDIFGIGGGLLEYRASLLAGHGFATLALAYNFEDLPNNMDNISLEYFEE AVCYMLQHPQVKGP GIGLLGISLGADICLSMASFLKNVSATVSINGSGISGNTAINYKHSSIPPLGYDLR RIKVAFSGLVDIVDIRNALVGGYKNPSMIEKAQGPILLIVGQDDHNWRSELYAQT VSERLQAHGKEKP QIICYPGTGHYIEPPYFPLCPASLHRLLNKHVIWGGEPRAHSAQEDAWKQILAFFCKHLGGTQKTAVPK L TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152331
ORF Size:	1263 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_152331.2
RefSeq Size:	1703 bp
RefSeq ORF:	1266 bp
Locus ID:	122970
UniProt ID:	Q8N9L9
Cytogenetics:	14q24.3
MW:	46.1 kDa