

Product datasheet for **RC221413A1V**

Human **FACL4 (ACSL4) (NM_022977) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human FACL4 (ACSL4) (NM_022977) AAV Particle
Tag:	Myc-DDK
Symbol:	ACSL4
Synonyms:	ACS4; FACL4; LACS4; MRX63; MRX68
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221413 representing NM_022977
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACTTAAGCTAAATGTGCTCACCATTATTTTGTGCCTGTCCACTTGTTAATAACAATATACAGTG
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 AGCAGAAGATTATTCTGTGGATGAAATGGACAAAGGTGGTTTTGCACTGGTGATATTGGAGAATCCAT
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 CTCTTGGGAAAGTAGAAGCTGCACTGAAGAATTGTCCACTTATTGACAACATCTGTGCTTTTGCCAAAAG
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 GAGAAGCTGCAATGCCATGAAATTGGAGCGATTTGAAATCCAATCAAGGTTTCGATTAAAGCCAGAGCC
 ATGGACCCCTGAAACTGGTTTGGTAAGTATGCTTTCAAACCTGAAAAGGAAGGAGCTGAGGAACCATAC
 CTCAAAGACATTGAACGAATGTATGGGGGCAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221413 representing NM_022977 Red=Cloning site Green=Tags(s) MKLKLNVLTIILLPVHLLITIYSALIFIPWYFLTNAKKKNAMAKRIKAKPTSDKPGSPYRSVTHFDSLAV IDIPGADTLDKLFDHAVSKFGKKDSLGTREILSEENEMQPNGKVFKKLILGNYKWMNYLEVNRVNNFGS GLTALGLKPKNTIAIFCETRAEWMIAAQTCFKYNFPLVTLATLGKEAVVHGLNESEASYLITSVELLES KLKTALLDISCVKHIIYVDNKAINKAEYPEGFEIHSMQSV EELGSPENLGIPPSRPTPSDMAIVMYTSG STGRPKGVMMHHSNLIAGMTGQCERIPGLGPKDTYIGYLP LAHVLELTAEISCFYGCRIGYSSPLTSLD QSSKIKKGSKGDCITVLKPTLMAAVPEIMDRIYKNVMSKVQEMNYIQKTLFKIGYDYKLEQIKKGYDAPLC NLLLFFKKVKALLGGNVRMMLSGGAPLSPQTHRFMNVCFCCPIGQGYGLTESCGAGTVTEVTDYTTGRVGA PLICCEIKLKDWEQEGYTINDKPNPRGEIVIGGQNI SMGYFKNEEKTAEDYSVDENGQRWFCTGDIGEFH PDGCLQIIDRKDLVKLQAGEYVSLGKVEAALKNCPLIDNICAF AKSDQSYVISFVVPNQKRLTLAQQK GVEGTWVDICNNPAMEAEILKEIREAANAMKLERFEIPIKVRLSPEPWPETGLVDAFKLKRKELRNHY LKDIERYGGK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022977
ORF Size:	2133 bp
Buffer:	PBS with 0.001% Pluronic F8336
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_022977.1</u>
RefSeq Size:	5356 bp
RefSeq ORF:	2136 bp
Locus ID:	2182
UniProt ID:	<u>O60488</u>
Cytogenetics:	Xq23
MW:	79 kDa