

Product datasheet for **RC209285A1V**

Human FATP1 (SLC27A1) (NM_198580) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FATP1 (SLC27A1) (NM_198580) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC27A1
Synonyms:	ACSVL5; FATP; FATP-1; FATP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209285 representing NM_198580
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCGGGCTCCGGGTGCGGGCGCGCCTCGGTGGTCTCGCTGGCGCTGTTGTGGCTGCTGGGGCTGCCGT
 GGACCTGGAGCGCGGCAGCGGCCTCGGCGTGTACGTGGGCAGCGCGGCTGGCGCTTCCTGCGCATCGT
 CTGCAAGACCGGAGGCGAGACCTCTTCGGTCTCTGTGCTGATCCGCGTGCGCCTGGAGCTGCGGCGG
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 CAGCGAGAGCGCCACCAGCAAGAAGATCGCCACAGCGTCTTACAGCAAGGGGACAGCGCCTACCTCTCA
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 GGCGAGGGGAGAACGTCTCCACCACGAGGTGGAGGGCGTCTGAGCCGCTGCTGGGCCAGACAGACGT
 GGCCGTCTATGGGTGGCTGTTCCAGGAGTGGAGGGTAAGGCAGGGATGGCGGCCGTCGAGACCCCCAC
 AGCCTGCTGGACCCCAACGCGATATACAGGAGCTGCAGAAGGTGCTGGCACCTATGCCCGGCCATCT
 TCCTGCGCCTCCTGCCCCAGGTGGACACCACAGGCACCTTCAAGATCCAGAAGACGAGGCTGCAGCGAGA
 GGGCTTTGACCCACGCCAGACCTCAGACCGGCTCTTCTTCTGACCTGAAGCAGGGCCACTACCTGCC
 TTAATGAGGCGAGTCTACACTCGCATCTGCTCGGGCGCCTTCGCCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209285 representing NM_198580 Red=Cloning site Green=Tags(s) MRAPGAGAASVSVSLALLWLLGLPWTWSAAAALGVYVSGSGWRFLRIVCKTARRDLFGLSVLIRVRLELRR HQRAGHTIPRIFQAVVQRQPERLALVDAGTGECWTF AQLDAYSNVANLFRQLGFAPGDVVAIFLEGRPE FVGLWLGLAKAGMEAALLNVNLRREPLAFCLGTSGAKALIFGGEMVAAVAESVGHGKSLIKFCSGDLGP EGILPDTHLLDPLLKEASTAPLAQIPSKGMDDRLFYIYTS GTTGLPKAAIVVHSRYRMAAFGHAYRMQ AADVLYDCLPLYHSAGNIIGVGQCLIYGLTVVLRKKFSASRFWDDCIKYNCTVVQYIGEICRYLLKQPVR EAERRHRVRLAVGNLRPAIWEEFTERFGVRQIGEFYGATECNCSIANMDGKVGSCGFNSRILPHVYPIR LVKVNEDTMELLRDAQGLCIPCQAGEPGLLVGQINQQDPLRRFDGYVSESATSKKIAHSVFSKGDSAYLS GDVLVMDELGYMYFRDRSGDTFRWRGENVSTTEVEGVL S RLLGQTDVAVYGVAVPGVEGKAGMAAVADPH SLLDPNAIYQELQKVLAPYARPIFLRLLPQVDTGTGTFKIQKTRLQREGFDPRTSDRLFFLDLKQGHYLP LNEAVYTRICSGAFAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_198580
ORF Size:	1938 bp
Buffer:	PBS with 0.001% Pluronic F6409
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_198580.1</u>
RefSeq Size:	3562 bp
RefSeq ORF:	1941 bp
Locus ID:	376497
UniProt ID:	<u>Q6PCB7</u>
Cytogenetics:	19p13.11
MW:	70.9 kDa