

Product datasheet for **RC222130A1V**

Human OATP2 (SLCO1B1) (NM_006446) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OATP2 (SLCO1B1) (NM_006446) AAV Particle
Tag:	Myc-DDK
Symbol:	SLCO1B1
Synonyms:	HBLRR; LST-1; LST1; OATP-C; OATP1B1; OATP2; OATPC; SLC21A6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC222130 representing NM_006446
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACAAAATCAACATTTGAATAAAACAGCAGAGGCCACAACCTTCAGAGAATAAGAAAACAAGATACT
GCAATGGATTGAAGATGTTCTTGGCAGCTCTGTCACTCAGCTTTATTGCTAAGACTAGGTGCAATTAT
TATGAAAAGTTCCATCATTATAGAACGGAGATTTGAGATATCCTCTTCTTGTGTTTTATTGAC
GGAAGCTTTGAAATTGGAAATTTGCTTGTGATTGTATTGTGAGTTACTTTGGATCCAACTACATAGAC
CAAAGTTAATTGGAAATCGGTTGTTTCATTATGGGAATTGGAGGTGTTTTGACTGCTTTGCCACATTTCTT
CATGGGATATTACAGGTATTCTAAAGAACTAATATCGATTATCAGAAAATCAACATCGACCTTATCC
ACTTGTTAATTAATCAAATTTTACTCTCAATAGAGCATCACCTGAGATAGTGGGAAAAGGTTGTTTAA
AGGAATCTGGGCATACATGTGGATATATGTGTTTATGGGTAATATGCTTCGTGGAATAGGGGAGACTCC
CATAGTACCATTGGGGCTTTCTTACATTGATGATTTTCGCTAAAGAAGGACATTCTCTTTGTATTTAGGT
ATATTGAATGCAATAGCAATGATTGGTCCAATCATTGGCTTTACCTGGGATCTCTGTTTTCTAAAATGT
ACGTGGATATTGGATATGTAGATCTAAGCACTATCAGGATAACTCCTACTGATTCTCGATGGGTTGGAGC
TTGGTGGCTTAATTTCTTGTGTCTGGACTATTCTCCATTATTTCTTCCATACCATTCTTTTTCTTGCC
CAAACCTCAAATAAACCACAAAAAGAAAGAAAGCTTCACTGTCTTTCATGTGCTGGAAACAAATGATG
AAAAGGATCAAACAGCTAATTTGACCAATCAAGGAAAAAATATTACAAAAATGTGACTGGTTTTTTCCA
GTCTTTTAAAAGCATCCTTACTAATCCCTGTATGTTATGTTTGTGCTTTTGACGTTGTTACAAGTAAGC
AGCTATATTGGTGCTTTTACTTATGTCTTCAAATACGTAGAGCAACAGTATGGTCAGCCTTCATCTAAGC
CTAACATCTTATTGGGAGTCATAACCATACCTATTTTTGCAAGTGAAGTGTGTTTTAGGAGGATATATCAT
TAAAAAATTCAACTGAACACCGTTGGAATTGCCAAATTCATGTTTTACTGCTGTGATGTCATTGTCC
TTTTACCTATTATATTTTTTCTACTCTGTGAAAACAAATCAGTTGCCGGACTAACCATGACCTATGATG
GAAATAATCCAGTGACATCTCATAGAGATGTACCCTTTCTTATTGCAACTCAGACTGCAATTGTGATGA
AAGTCAATGGGAACCAGTCTGTGGAACAATGGAATAACTTACATCTCACCTGTCTAGCAGGTTGCAAA
TCTTCAAGTGGCAATAAAAAGCCTATAGTGTGTTTACAACCTGCAGTTGTTTGAAGTAACTGGTCTCCAGA
ACAGAAATTAACAGCCATTTGGGTGAATGCCAAGAGATGATGCTTGTACAAGGAAATTTTACTTTTT
TGTTGCAATACAAGTCTTGAATTTATTTTTCTCTGCACTTGGAGGCACCTCACATGTCATGCTGATTGTT
AAAATTGTTCAACCTGAATTGAAATCACTTGCCTGGGTTTCCACTCAATGGTTATACGAGCACTAGGAG
GAATTCTAGCTCCAATATATTTTGGGGCTCTGATTGATACAACGTGTATAAAGTGGTCCACCAACAACCTG
TGGCACACGTGGGTCTGATGAGGACATATAATCCACATCATTTTCAAGGGTCTACTTGGGCTTGTCTTCA
ATGTTAAGAGTCTCATCACTTGTGTTTATATTTATTTATTTATGCCATGAAGAAAAATATCAAGAGA
AAGATATCAATGCATCAGAAAATGGAAGTGTATGGATGAAGCAAACCTTGAATCCTTAAATAAAAAATAA
ACATTTTGTCCCTTCTGCTGGGCAGATAGTGAACACATTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	<p>>RC222130 representing NM_006446 Red=Cloning site Green=Tags(s)</p> <p>MDQNQHLNKTAEAQPSSENKTRYCNGLKMFLAALSLSFIAKTLGAIIMKSSIIHIERRFEISSSLVGFID GSFEIGNLLVIVFVSYFGSKLHRPKLIGIGCFIMGIGVLTALPHFFMGYYRYSKETNIDSENSTLS TCLINQILSLNRASPEIVGKGLKESGSYMWIYVFMGNMLRGIGETPIVPLGLSYIDDFAKEGHSSLYLG ILNAIAMIGPIIGFTLGSLSFKMYVDIGYVDLSTIRITPTDSRWVGAWWLNFLVSGLFSIISSIPFFFLP QTPNKPQKERKASLSLHVLETNDEKDQTANLTNQGNITKNVTGFFQSFKSILTNPLYVMFVLLTLLQVS SYIGAFTYVFKYVEQQYGQPSSKANILLGVITIPIFASGMFLGGYIIKKFKLNTVGIKAFSCFTAVMSLS FYLLYFFILCENKSVAGLTMTYDGNPVTSHRDVPLSYCNSDCNCDESQWEPVCGNNGITYISPCLAGCK SSSGNKKPIVFNCSCLEVTGLQNRNYS AHLGECPRDDACTRKFYFFVAIQVLNLFSSALGGTSHVMLIV KIVQPELKSLALGFHSMVIRALGGILAPIYFGALIDTTCIKWSTNNCGTRGSCRTYNSTFSRVYLGSS MLRVSSLVLYIILYAMKKKYQEKDINASENGSVMDEANLESLNKNKHFVPSAGADSETHC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006446
ORF Size:	2073 bp
Buffer:	PBS with 0.001% Pluronic F8452
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_006446.2</u>
RefSeq Size:	2830 bp
RefSeq ORF:	2076 bp
Locus ID:	10599
UniProt ID:	<u>Q9Y6L6</u>
Cytogenetics:	12p12.1
MW:	76.3 kDa