

Product datasheet for **RC222317A1V**

Human **SLCO1B3 (NM_019844)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLCO1B3 (NM_019844) AAV Particle
Tag:	Myc-DDK
Symbol:	SLCO1B3
Synonyms:	HBLRR; LST-2; LST-3TM13; LST3; OATP-8; OATP1B3; OATP8; SLC21A8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC222317 representing NM_019844
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACCAACATCAACATTTGAATAAAACAGCAGAGTCAGCATCTTCAGAGAAAAAGAAAACAAGACGCT
 GCAATGGATTCAAGATGTTCTTGGCAGCCCTGTCAATTCAGCTATATTGCTAAAGCACTAGGTGGAATCAT
 TATGAAAAATTTCCATCACTCAAATAGAAAGGAGATTTGACATATCCTCTTCTCTTGCTGGTTTAATTGAT
 GGAAGCTTTGAAATTGGAATTTGCTTGTGATTGTATTGTAAGTTACTTTGGATCTAAACTACACAGAC
 CGAAGTTAATTGGAATTGGTTGTCTCTTATGGGAAGTGAAGTATTTTGACAGCTTTACCACATTTCTT
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 CATAGTACCATTGGGGATTTATACATTGATGATTTTGCAAAAGAAGGACATTCTCCTTGATTTAGGT
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 AAGTCAGTGGGAACCACTGTGGGAACAATGAATAACTTACCTGTCACCTGTCTAGCAGGATGCAAA
 TCCTCAAGTGGTATTAAGCAATACAGTGTTTATAACTGTAGTTGTGTGGAAGTAAGTGGTCTCCAGA
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 AAGATTGTTCAACCTGAATTGAAAGCACTTGAATGGGTTTCCAGTCAATGGTTATAAGAACTAGGAG
 GAATTTAGCTCCAATATATTTGGGGCTCTGATTGATAAAACATGTATGAAGTGGTCCCAACAGCTG
 TGGAGCACAAGGAGCTTGTAGGATATATAATCCGTATTTTTTGAAGGGTCTACTTGGGCTTATCTATA
 GCTTTAAGATCCCAGCACTGTTTTATATATTGTTTTTCTATGAAGAAAAATTTCAAGGAA
 AAGATACCAAGGCATCGGACAATGAAAGAAAAGTAATGGATGAAGCAAACTTAGAATCTTAAATATGG
 TGAACATTTTGTACCTTCTGCTGGAACAGATAGTAAACATGTAATTTGGACATGCAAGACAATGCTGCT
 GCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222317 representing NM_019844 Red=Cloning site Green=Tags(s) MDQHQLNKTAESASSEKKKTRRCNGFKMFLAALSFSYIAKALGGIIMKISITQIERRFDISSSLAGLID GSFEIGNLLVIVFVSFYGSKLHRPKLIGIGCLLMGTGSILTALPHFFMGYYRYSKETHINPSENSTSSLS TCLINQTLSFNGTSPEIVEKDCVKESGSHMWIYVFMGNMLRGIGETPIVPLGISYIDDFAKEGHSSLYLG SLNAIGMIGPVIGFALGSLFAKIYVDIGYVDLSTIRITPKDSRWVGAWWLGFLVSGLFSSIIPFFFLP KNPNKPQKERKISLSLHVLKTNDDRNQTANLTNQGNVTKNVTGFFQSLKSILTNPLYVIFLLLTLQVS SFIGSFTYVFKYMEQQYQGSASHANFLLGIITPTVATGMFLGGFIKKFKLSLVGIAKFSFLTSMISFL FQLLYFPLICESKSVAGLTLTYDGNNVASHVDVPLSYCNSECNCDESQWEPVCGNNGITYLSPCLAGCK SSSGIKKHVTFYNCSCVEVTGLQNRNYSAGLGECPDNTCTKFFIYVAIQVINSLSFATGGTTFILLTV KIVQPELKALAMGFQSMVIRTLGGILAPIYFGALIDKTCMKWSTNSCGAQGACRIYNSVFFGRVYLGSLI ALRFPALVLYIVFIFAMKKKFQKDTKASDNERKVMDEANLEFLNNGEHFVPSAGTDSKTCNLDMDQDNAA AN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_019844
ORF Size:	2106 bp
Buffer:	PBS with 0.001% Pluronic F8480
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_019844.1</u>
RefSeq Size:	2646 bp
RefSeq ORF:	2109 bp
Locus ID:	28234
UniProt ID:	<u>Q9NPD5</u>
Cytogenetics:	12p12.2
MW:	77.2 kDa