

Product datasheet for **RC207426A1V**

Human CYP2S1 (NM_030622) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYP2S1 (NM_030622) AAV Particle
Tag:	Myc-DDK
Symbol:	CYP2S1
Synonyms:	CYPIIS1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207426 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGCGACCGCACCTGGGCGCTGCTGCTGGCGCTGGCGCTGCTCCTGCTGCTGACGCTGGCGCTGT
 CCGGGACAGGGCCGAGGCCACCTGCCCGCGGCCACGCCGCTACCACTGCTGGGAAACCTCCTGCA
 GCTACGGCCCGGGCGCTGTATTCAGGGCTCATGCGGCTGAGTAAGAAGTACGGACCGGTGTTACCATC
 TACCTGGGACCTGGCGGCTGTGGTGGTCTGGTTGGCAGGAGGCTGTGCGGGAGGCCTGGGAGGTC
 AGGCTGAGGAGTTCAGCGCCGGGGAACCGTAGCGATGCTGGAAGGGACTTTTGATGGCCATGGGTTTT
 CTTCTCCAACGGGAGCGGTGGAGGCAGCTGAGGAAGTTTACCATGCTTGCTCTGCGGGACCTGGGCATG
 GGAAGCGAGAAGCGAGGAGCTGATCCAGGCGGAGGCCCGGTGTCTGGTGGAGACATCCAGGGGACAG
 AAGGACGCCATTGATCCCTCCCTGCTGCTGGCCAGGCCACCTCAACGTAGTCTGCTCCCTCCTCTT
 TGGCCTCCGTTCTCTATGAGGATAAGGAGTTCAGGCCGTGGTCCGGGAGCTGGTGGTACCCTGCTG
 GGAGTCAGCTCCAGGGGGTACAGCTACGAGATGTTCTCTGGTTCCTGCGGCCCTGCCAGGCCCC
 ACAAGCAGCTCCTCCACCACGTACGACCTTGGCTGCCTTACAGTCCGCGAGGTGCAGCAGCACCAGGG
 GAACCTGGATGCTTCGGGCCCGCACGTGACCTTGTCGATGCCTTCTGCTGAAGATGGCACAGGAGGAA
 CAAAACCCAGGCACAGAATTCACCAACAAGAACATGCTGATGACAGTCATTTATTTGCTGTTTGTGGGA
 CGATGACGGTCAGCACCACGGTCGGCTATACCTCCTGCTCCTGATGAAATACCTCATGTCCAAAAGTG
 GGTACGTGAGGAGCTGAATCGGGAGCTGGGGGCTGGCCAGGCACCAAGCCTAGGGGACCGTACCCGCTC
 CCTTACACCGACGCGTTCTGCATGAGGCGCAGCGGCTGCTGGCGCTGGTGGCCATGGGAATACCCGCA
 CCCTCATGCGGACACCGCTTCCGAGGGTACACCTGCCCGAGGCACGAGGTCTTCCCTCCTTGG
 CTCCATCCTGCATGACCCCAACATCTTCAAGCACCCAGAAGAGTTCAACCCAGACCGTTTCTGGATGCA
 GATGGACGTTTCAAGAGCATGAGGCGTCTGCGCTTCTCTTAGGGAAGCGTGTCTGCCTTGGAGAGG
 GCCTGGCAAAGCGGAGCTCTTCTCTTCTTACCACCATCTACAAGCCTTCTCCCTGGAGAGCCCGTG
 CCCGCCGACACCCTGAGCCTCAAGCCACCGTCAGTGGCCTTTTCAACATTCCCCAGCCTTCCAGCTG
 CAAGTCCGTCCCACTGACCTTCACTCCACCACGCAGACCAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207426 protein sequence
 Red=Cloning site Green=Tags(s)

MEATGTWALLLALALLLLTLALSGTRARGHLPPGPTPLLLGNLLQLRPGALYSGLMRLSKKYGPVFTI
 YLGPWRPVVVLVGQEAVERALGGQAEFFSGRGTVMLEGTDFDGHGVFFSNGERWRQLRKFTMLALRDLGM
 GKREGEELIQAEARCLVETTFQGTGRPFDPSTLLAQATSNVVCSTLLFGLRFSYEDKEFQAVVRAAGTLL
 GVSSQGGQTYEMFSWFLRPLPGPHKQLLHHVSTLAAFTVRQVQHQGNLDASGPARDLVDAFLKMAQEE
 QNPGTEFTNKNMLMTVIYLLFAGTMTVSTTVGYTLLLLMKYPHVQKWVREELNRELGAGQAPSLGDRTRL
 PYTDAVLHEAQRLLALVPMGIPRTLMTTRFRGYTLPQGTEVFPLLSILHDPNIFKHPEEFNPDRFLDA
 DGRFRKHEAFLPFLGKRVCLGEGLAKAELFLFFTILQAFSLESPCPDPLSLKPTVSLGNIPPAFQL
 QVRPTDLHSTTQTR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_030622

ORF Size:

1512 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:	<u>NM_030622.6</u>
RefSeq Size:	2657 bp
RefSeq ORF:	1515 bp
Locus ID:	29785
UniProt ID:	<u>Q96SQ9</u>
Cytogenetics:	19q13.2
MW:	55.8 kDa