

Product datasheet for **RC207030A1V**

Human CYP4X1 (NM_178033) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYP4X1 (NM_178033) AAV Particle
Tag:	Myc-DDK
Symbol:	CYP4X1
Synonyms:	CYPIVX1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207030 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAATTCTCCTGGCTGGAGACGCGCTGGGCGCGCCCTTTTACCTGGCGTTCTGTCTCGCTGGCCC
 TGGGGCTGCTGCAGGCCATTAAGCTGTACCTGCGGAGGCAGCGCTGCTGCGGGACCTGCGCCCTTCCC
 AGCGCCCCCACCACCTGGTTCTTGGGACCAGAAGTTTATTACAGATGATAACATGGAGAAGCTTGAG
 GAAATTATTGAAAAATACCCTCGTGCCTCCCTTTCTGGATTGGGCCCTTTCAGGCATTTTTCTGTATCT
 ATGACCCAGACTATGCAAAGACACTTCTGAGCAGAACAGATCCCAAGTCCAGTACCTGCAGAAATTCTC
 ACCTCCACTTCTTGAAAAGGACTAGCGGCTCTAGACGGACCCAAGTGGTCCAGCATCGTCGCTACTA
 ACTCCTGGATTCCATTTAACATCCTGAAAGCATACTTGAGGTGATGGCTCATTCTGTGAAAATGATGC
 TGGATAAGTGGGAGAAGATTTGCAGCACTCAGGACACAAGCGTGGAGGTCTATGAGCACATCAACTCGAT
 GTCTCTGGATATAATCATGAAATGCGCTTTCAGCAAGGAGACCAACTGCCAGACAAACAGCACCCATGAT
 CCTTATGCAAAAAGCCATATTTGAACTCAGCAAAATCATATTTACCGCTTGTACAGTTTGTGTATCACA
 GTGACATAATTTTCAAACCTCAGCCCTCAGGGCTACCGCTTCCAGAAGTTAAGCCGAGTGTGAATCAGTA
 CACAGATAACAATAATCCAGGAAAGAAAGAAATCCCTCCAGGCTGGGGTAAAGCAGGATAAACAACCCGAAG
 AGGAAGTACCAGGATTTTCTGGATATTGTCTTTCTGCCAAGGATGAAAGTGGTAGCAGCTTCTCAGATA
 TTGATGTACACTCTGAAGTGAACATTCCTGTTGGCAGGACATGACACCTTGGCAGCAAGCATCTCTG
 GATCCTTTACTGCCTGGCTCTGAACCTGAGCATCAAGAGAGATGCCGGGAGGAGGTGAGGGCATCCTG
 GGGGATGGTCTTCTACTTGGACCACTGGGTGAGATGTCGTACACCACAATGTGCATCAAGGAGA
 CGTGCCGATTGATTCCTGCAGTCCCCTCATTTCCAGAGATCTCAGCAAGCCACTTACCTCCCAGATGG
 ATGCACATTGCCTGCAGGATCACCGTGGTCTTAGTATTTGGGTCTTACCACAACCCGCTGTCTGG
 AAAAAACCAAAGTCTTTGACCCCTTGAGGTTCTCTCAGGAGAATTCTGATCAGAGACACCCCTATGCCT
 ACTTACCATTCTCAGCTGGATCAAGGAAGTGCATTGGCAGGAGTTTGCATGATTGAGTTAAAGGTAAC
 CATTGCCTTATTCTGCTCCACTTCCAGAGTACTCCAGACCCACCAGGCCTTACTTTCCCAACCAT
 TTTATCCTCAAGCCCAAGAAATGGGATGTATTTGCACCTGAAGAACTCTCTGAATGT

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207030 protein sequence
 Red=Cloning site Green=Tags(s)

MEFSWLETRWARPFYLAFFVFLALGLLQAIKLYLRRQRLRLDLRPFPPAPPTHWFLGHQKFIQDDNMEKLE
 EIIIEKYPRAPFFWIGPFQAFCCIYDPDYAKTLLSRTDPKSOYLQKFSPLLGKGLAALDGPWFQHRLL
 TPGFHFNILKAYIEVMAHSVMMMLDKWEKICSTQDTSVEVYEHINSMSLDIIMKCAF SKETNCQTNSTHD
 PYAKAIFELSKIIFHRLYSLLYHSDIIFKLSPOGYRFQKLSRVLNQYTDIIQERKKSLOAGVKQDNTPK
 RKYQDFLDIVLSAKDESGSSFSDIDVHSEVSTFLLAGHDTLAASISWILYCLALNPEHQERCREEVRGIL
 GDGSSITWDQLGEMSYTMCIKETCRLIPAVPSISRDL SKPLTFPDGCTLPAGITVVLSIWGLHHNPAVW
 KNPKVFDPLRFSQENSDQRHPYAYLPFSAGSRNCIGQEFAMIELKVITIALILLHFRVTPDPTRPLTFPNH
 FILKPKNGMYLHLKLLSEC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_178033

ORF Size:

1527 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_178033.1</u>
RefSeq Size:	2382 bp
RefSeq ORF:	1530 bp
Locus ID:	260293
UniProt ID:	<u>Q8N118</u>
Cytogenetics:	1
MW:	58.9 kDa