

## Product datasheet for **RC216551A1V**

### Human CYP11B1 (NM\_000497) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human CYP11B1 (NM_000497) AAV Particle
Tag:	Myc-DDK
Symbol:	CYP11B1
Synonyms:	CPN1; CYP11B; FHI; P450C11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC216551 representing NM\_000497  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCACTCAGGGCAAAGGCAGAGGTGTGCATGGCAGTGCCTGGCTGTCCCTGCAAAGGGCACAGGCAC  
 TGGGCACGAGAGCCGCCGGTCCCCAGGACAGTGTGCCCTTTGAAGCCATGCCCGGGTCCAGGCAA  
 CAGGTGGCTGAGGCTGCTGCAGATCTGGAGGGAGCAGGGTTATGAGGACCTGCACCTGGAAGTACACCA  
 ACCTTCCAGGAACTAGGGCCATTTTCAGGTACGACTTGGGAGGAGCAGGCATGGTGTGTGTGATGCTGC  
 CGGAGGACGTGGAGAAGCTGCAACAGGTGGACAGCCTGCATCCCCACAGGATGAGCCTGGAGCCCTGGGT  
 GGCCTACAGACAAATCGTGGGCACAAATGTGGCGTGTCTTGTCTGAATGGGCCTGAATGGCGCTTCAAC  
 CGATTGCGGCTGAATCCAGAAGTGTGTGCGCCACGCTGTGCAGAGGTTCTCCCGATGGTGGATGCAG  
 TGGCCAGGGACTTCTCCAGGCCCTGAAGAAGAAGGTGTGCAGAACGCCGGGGAGCCTGACCCTGGA  
 CGTCCAGCCCAGCATTCTCCACTACACCATAGAAGCCAGCAACTTGGCTCTTTTGGAGAGCGGCTGGGC  
 CTGTTGGCCACAGCCCCAGTTCGCCAGCCTGAACTTCTCCATGCCCTGGAGGTCATGTTCAAATCCA  
 CCGTCCAGCTCATGTTATGCCAGGAGCCTGTCTCGTGGACCAGCCCCAAGGTGTGGAAGGAGCACTT  
 TGAGGCCTGGGACTGCATCTTCCAGTACGGCGACAACCTGTATCCAGAAAATCTATCAGGAACTGGCCTT  
 AGCCGCCCTCAACAGTACACCAGCATCGTGGCAGAGCTCCTGTTGAATGCGGAACTGTGCCAGATGCCA  
 TCAAGGCCAACTCTATGGAACCTCACTGCAGGGAGCGTGGACACGACGGTGTTCCTTGTGTGATGACGCT  
 CTTTGAGCTGGCTCGGAACCCCAACGTGCAGCAGGCCCTGCGCCAGGAGACCTGGCCGCCGAGCCAGC  
 ATCAGTGAACATCCCCAGAAGGCAACCACCGAGCTGCCCTTGTGCGTGGCCCTCAAGGAGACCTTGC  
 GGCTCTACCCTGTGGTCTGTTTCTGGAGCGAGTGGCGAGCTCAGACTTGGTGCTCAGAACTACCACAT  
 CCCAGCTGGGACATTGGTGGCGGTGTTCTCTACTCTCTGGGTGCAACCCCGCCTTGTTCGAGGCGCT  
 GAGCGCTATAACCCCGAGCGTGGCTAGACATCAGGGGCTCCGGCAGGAACTTCTACCAGTGCCTTTG  
 GCTTTGGCATGCGCCAGTGCCTTGGCGGCGCCTGGCAGAGGCAGAGATGCTGCTGCTGCTGCACCATGT  
 GCTGAAACACCTCCAGGTGGAGACACTAACCCAAGAGGACATAAAGATGGTCTACAGTTCATATTGAGG  
 CCCAGCATGTTCCCTCCTCACCTCAGAGCCATCAAC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MALRAKAEVCMVAVPWLSQLQAQALGTRAARVPRTVLPFEAMPRRPGNRWLRLLQIWRQGYEDLHLEVHQ  
 TFQELGPIFRYDLGGAGMVCVMLPEDVEKLQQVDSLPHRMSLEPWVAYRQHRGHKCGVFLNGPEWRFN  
 RLRLNPEVLSNAVQRFLPMVDAVARDFSQALKKKVLQNARGSLTLDVQPSIFHYTIEASNLALFGERLG  
 LVGHSPSSASLNFLHALEVMFKSTVQLMFMPRSLSRWTSKPKVWKEHFEAWDCIFQYGDNCIQKIYQELAF  
 SRPQQYTSIVAELLLNAELSPDAIKANSMELTAGSVDTTVFPLMLTFLFELARNPNVQALRQESLAAAAS  
 ISEHPQKATTEPLLLRAALKETLRLYPVGLFLERVASSDLVLQNYHIPAGTLVRVFLYSLGRNPALFPRP  
 ERYNPQRWLDIRSGRNFYHVPFGFGMRQCLGRRLAEAEMLLLHHVLLKHLQVETLTQEDIKMYVSFILR  
 PSMFPLLTFRAIN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_000497

**ORF Size:**

1509 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_000497.3</a></u>
<b>RefSeq Size:</b>	3551 bp
<b>RefSeq ORF:</b>	1512 bp
<b>Locus ID:</b>	1584
<b>UniProt ID:</b>	<u><a href="#">P15538</a></u>
<b>Cytogenetics:</b>	8q24.3
<b>MW:</b>	57.57 kDa