

Product datasheet for **RC223097A1V**

Human CYP2F1 (NM_000774) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYP2F1 (NM_000774) AAV Particle
Tag:	Myc-DDK
Symbol:	CYP2F1
Synonyms:	C2F1; CYP2F; CYP11F1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223097 representing NM_000774
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACAGCATAGCACAGCCATCTTACTCCTGCTCCTGGCTCTCGTCTGTCTGCTCCTGACCCTAAGCT
 CAAGAGATAAGGGAAGCTGCCTCCGGGACCCAGACCCCTCTCAATCCTGGGAAACCTGCTGCTGCTTTG
 CTCCCAAGACATGCTGACTTCTCTCACTAAGCTGAGCAAGGAGTATGGCTCCATGTACACAGTGACCTG
 GGACCCAGGCGGGTGGTGGTCTCAGCGGGTACCAAGCTGTGAAGGAGGCCCTGGTGGACCAGGGAGAGG
 AGTTTAGTGGCGCGGTGACTACCTGCCTTTTCAACTTTACCAAGGGCAATGGCATCGCCTTCTCCAG
 TGGGGATCGATGGAAGGTCTGAGACAGTTCTCTATCCAGATTCTACGGAATTTGCGGATGGGGAAGAGA
 AGCATTGAGGAGCGAATCCTAGAGGAGGCGAGTCTCTGCTGGCGGAGCTGCGGAAAACCTGAAGGCGAGC
 CCTTTGACCCACGTTTGTGCTGAGTCGCTCAGTGTCCAACATTATCTGTTCCGTGCTCTTCGGCAGCCG
 CTTGACTATGATGATGAGCGTCTGCTCACCATTATCCGCCTTATCAATGACAACTTCCAAATCATGAGC
 AGCCCCCTGGGGCGAGTTGTACGACATCTTCCGAGCCTCTGGACTGGGTGCCTGGGCCGCACCAACGCA
 TCTTCCAGAACTTCAAGTGCCTGAGAGACCTCATCGCCACAGCGTCCATGACCACCAGGCCCTCGTAGA
 CCCCAGATCTCCCGGGACTTCACTCCAGTGCTTCTCACCAGATGGCAGAGGAGAAGGAGGACCCACTG
 AGCCACTTCCACATGGATACCTGCTGATGACCACACATAACCTGCTCTTTGGCGGCACCAAGACGGTGA
 GCACCACGCTGCACCACGCCCTTCTGGCACTCATGAAGTACCCAAAAGTTCAAGCCCGCTGCAGGAGGA
 GATCGACCTCGTGGTGGGACGCGCGCGGCTGCCGGCGCTGAAGGACCGCGCGGCCATGCCTTACACAGAC
 GCGGTGATCCACGAGGTGCAGCGCTTTCAGACATCATCCCCATGAACTTGCCGACCGCGTCACTAGGG
 ACACGGCCTTTGCGGCTTCTGATACCAAGGCGACCGATGTCATCACCTCCTTAACACCGTCCACTA
 CGACCCAGCCAGTTCTGACGCCCCAGGAGTTCAACCCGAGCATTTTTGGATGCCACTCAGTCTTTC
 AAGAAGAGTCCAGCCTTCATGCCCTTCTCAGCTGGGCGCGTCTGTGCCTGGGAGAGTCGCTGGCGCGCA
 TGGAGCTCTTTGTACCTACCGCCATCCTGCAGAGCTTTTCGCTGCAGCCGCTGGGTGCGCCCGAGGA
 CATCGACCTGACCCACTCAGCTCAGTCTTGGCAATTTGCCGCGCCTTTCAGCTGTGCCTGCGCCCG
 CGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDSISTAILLLLLALVCLLLTLSSRDGKGLPPGPRPLSILGNLLLLCSQDMLTSLTKLSKEYGSMYTVHL
 GPRRVVLSGYQAVKEALVDQEEFSGRGDYPAFFNFTKGNGIAFSSGDRWKVLRQFSIQILRNFGMGKR
 SIEERILEEGSFLLAELRKTEGEPDPTFVLRSVSNIICSVLFGSRFDYDDERLLTIIRLINDNFQIMS
 SPWGELEYDIFPSLLDWVPGPHQRIQNFKCLRDIAHSVHDHQASLDPRSPRDFIQCFITKMAEEKEDPL
 SHFHMDTLLMTTHNLLFGGKTIVSTLHHAFLALMKYPKVQARVQEEIDLVVGRARLPALKDRAAMPYTD
 AVIHEVQRFADIIPMNLPHRVTRDTAFRGFLIPKGTDVITLLNTVHYDPSQFLTPEFNPHEFLDATQSF
 KKSPAFMPFSAGRRLCLGESLARMELFLYLTAILQSFLQPLGAPEDIDLTPSSGLGNLPRPFQLCLRP
 R

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000774

ORF Size:

1473 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_000774.3</u>
RefSeq Size:	1826 bp
RefSeq ORF:	1476 bp
Locus ID:	1572
UniProt ID:	<u>P24903</u>
Cytogenetics:	19q13.2
MW:	55.3 kDa