

Product datasheet for **RC224082A1V**

Human **CYP4A22** (NM_001010969) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	CYP4A22
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC224082 representing NM_001010969
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGTGTCTCTGTCTGAGCCCCAGCAGACGCCTGGGTGGTGTCTCCGGGATCCTCAAGTGACCTCCC
 TGCTCATTCTGCTTCTGCTGCTGATCAAGGCAGCTCAGCTCTACCTGCATAGGCAGTGGCTGCTCAAAGC
 CCTCCAGCAGTTCCCGTGCCCTCCCTCCCACTGGCTCTTCGGGCACATCCAGGAGTTCCAACACGACCAG
 GAGCTACAACGGATTAGGAACGGGTGAAGACATTCCTCAAGTGCCTGTCTTATTGGATATGGGGAGGCA
 AAGTTCGTGTCCAGCTCTATGACCTGACTATATGAAGGTGATTCTGGGGAGATCAGACCCGAAATCCCA
 TGGATCCTACAAATTCCTGGCTCCACGGATTGGGTACGGCTTGCTCCTGTTGAATGGGCAGACATGGTTC
 CAGCATCGACGGATGCTGACCCAGCCTTCCACAATGACATCCTGAAGCCATACGTGGGGCTCATGGCAG
 ACTCTGTACGAGTGATGCTGGACAAATGGGAAGAGCTCCTTGGCCAGGATCCCTCTGGAGGTCTTCA
 GCACGTCTCCTTGATGACCTGGACACCATCATGAAGAGTGCCTTCAGCCATCAGGGCAGCATCCAGGTG
 GACAGGAATCTCAGTCTACATCCAGGCCATTAGTGACCTGAACAGCCTGGTTTTTTGCTGTATGAGGA
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 GCTGGCCCATCAGCACACAGACCAAGTGATCCAAGTGAAGGCTCAACTACAGAAGGAGGGGAGCTG
 GAGAAGATCAAGAGGAAGAGGCACTTGGATTTTCTGGACATCCTCCTCTTGGCCAAATGGAGAATGGGA
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 CAGTGGGATCTCCTGGATCCTCTATGCTCTGGCCACACACCCCAAGCATCAGGAGAGGTGCCGGGAGGAG
 ATCCATGGCCTCCTGGGTGATGGAGCTCCATCACCTGGAACACCTGGACCAGATGCCCTACACCACCA
 TGTGCATTAAAGAGGCACTGAGGCTCTACCCACCGGTGCCAGGATTGGAAGAGAGCTCAGCACTCCCGT
 CACCTTCCCTGATGGGCGCTCCTTGCCAAAGGTATCATGGTCTCCTCTCCATTTATGGCCTTACCAC
 AACCCAAAAGTGTGGCCAACTAGAGGTGTTTGACCCTTCCCGTTTTGACCGGGTCTGCTCAACACA
 GCCACGCTTTCCTGCCCTTCTCAGGAGGATCAAGGAAGTGCATCGGGAACAATTTGCCATGAACCAGCT
 GAAGGTGGCCAGGGCCCTGACCCTGCTCCGCTTTGAGCTGCTGCCTGATCCACAGGATCCCCATCCCC
 ATGGCACGACTTGTGTTGAAATCCAAAATGGAATCCACCTCGCTCTCAGGAGGCTCCCTAACCTTGTG
 AAGACAAGGACCAGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224082 representing NM_001010969
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MSVSVLSPSRRLGGVSGILQVTSLLILLLLIKAAQLYLHRQWLLKALQQFPCPPSHWLFQHIQEFQHDQ
 ELQRIQERVKTFPSACPYWIWGGKVRVQLYDPDYMKVLGRSDPKSHGSYKFLAPRIGYGLLLNGQTFW
 QHRRMLTPAFHNDILKPYVGLMADSVRVMLDKWEELLGQDSPLEVFQHVSLMTLDTIMKSAFSHQSIQV
 DRNSQSYIQAIISDLNSLVFCCMRNAFHENDTIYSLTSAGRWTHRACQLAQHTDQVIQLRKAQLQKEGEL
 EKIKRKRHLDFLDILLAKMENGSIILSDKDLRAEVDTFMFEGHDTTASGISWILYALATHPKHQERCREE
 IHGLLDGASITWNHLDQMPYTTMCIKEALRLYPPVPGIGRELSTPVTFPDGRSLPKGIMVLLSIYGLHH
 NPKVWPNLEVFDPSPRFAPGSAQHSFAFLPFGGSRNCIGKQFAMNQLKVARALTLRFELLDPTRIP
 MARLVLKSNGIHLRLRRLPNPCEDKDQL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001010969

ORF Size: 1557 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:	NM_001010969.2
RefSeq Size:	1668 bp
RefSeq ORF:	1560 bp
Locus ID:	284541
UniProt ID:	Q5TCH4
Cytogenetics:	1p33
MW:	59.1 kDa