

Product datasheet for **RC222953A1V**

Human CYP27A1 (NM_000784) AAV Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | AAV Particles |
| Product Name: | Human CYP27A1 (NM_000784) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | CYP27A1 |
| Synonyms: | CP27; CTX; CYP27 |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |



[View online »](#)

ORF Nucleotide Sequence:

>RC222953 representing NM_000784
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCGCTGGGCTGCGCGAGGCTGAGGTGGGCGCTGCGAGGGCCGGCCGTGGCCTCTGCCCCACG
 GGGCCAGAGCCAAGGCCGCGATCCCTGCCGCCCTCCCTCGGACAAGGCCACCGAGCTCCCGGAGCCGG
 GCCTGGTGTCCGGCGGGCAACCGAGCTTAGAGGAGATTCCACGTCTAGGACAGCTGCGCTTCTCTTT
 CAGCTGTTCTGTTCAAGGCTATGCCCTGCAACTGCACCGTTACAGGTGCTTTACAAGGCCAAGTACGGTC
 CAATGTGGATGTCCTACTTAGGGCTCAGATGCACGTGAACCTGGCCAGTGCCCGCTCTTGAGCAAGT
 GATGCGGCAAGAGGGCAAGTACCGAGTACGGAACGACATGGAGCTATGGAAGGAGACCGGGACCAGCAC
 GACCTGACCTATGGGCCGTTACCACGGAAGGACACCACTGGTACCAGCTGCGCCAGGCTCTGAACCAGC
 GGTGCTGAAGCCAGCGGAAGCAGCGCTCTATACGGATGCTTTCAATGAGGTGATTGATGACTTTATGAC
 TCGACTGGACCAGCTGCGGGCAGAGAGTCTTCGGGGAACAGGTGTCGGACATGGTTCAACTCTTCTAC
 TACTTTGCCTTGAAGCTATTTGCTACATCCTGTTTCGAGAAACGCATTGGCTGCCTGCAGCGATCCATCC
 CCGAGGACACCGTGACCTTCGTCAAGTCCATCGGGTAAATGTTCCAGAACTCACTCTATGCCACCTTCT
 CCCAAGTGGACTCGCCCGTGCCTTTCTGGAAGCGATACCTGGATGGTTGGAATGCCATCTTTTCC
 TTTGGGAAGAAGCTGATTGATGAGAAGCTCGAAGATA TGGAGGCCAACTGCAGGCAGCAGGGCCAGATG
 GCATCCAGGTGTCTGGCTACCTGCATCTTACTGGCCAGTGGACAGCTCAGTCTCGGGAGGCCATGGG
 CAGCTCAAGGACCTGAGTGCATGGCTGGAGTGGACAGCATCCAACACGCTGACATGGGCCCTGTACCAC
 CTCTCAAGGACCTGAGATCCAGGAGGCTTGCACGAGGAAGTGGTGGTGTGGTGCCAGCCGGGCAAG
 TGCCCCAGCACAAGGACTTTGCCACATGCCGTTGCTCAAAGCTGTGCTTAAGGAGACTCTGCGTCTCTA
 CCTGTGGTCCCCACAACTCCCGGATCATAGAAAAGGAAATTGAAGTTGATGGCTTCTCTTCCCCAAG
 AACACCCAGTTTGTGTTCTGCCACTATGTGGTGTCCCGGACCCCACTGCCTTCTCTGAGCCTGAAAGCT
 TCCAGCCCCACCCTGGCTGAGAAACAGCCAGCCTGCTACCCCCAGGATCCAGCACCCATTTGGCTCTGT
 GCCCTTTGGCTATGGGGTCCGGGCTGCCTGGGCCGAGGATTGCAGAGCTGGAGATGCAGCTACTCCTC
 GCAAGGCTGATCCAGAAGTACAAGTGGTCTGGCCCCGAGACGGGGGAGTTGAAGAGTGTGCCCGCA
 TTGCTCGTTCCCAATAAGAAAGTGGGCTGCAGTTCCTGCAGAGACAGTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222953 representing NM_000784
 Red=Cloning site Green=Tags(s)

MAALGCARLRWALRGAGRGLCPHGARA KAAIPAALPSDKATGAPGAGPGVRRRQ RSL E EIPRLGQLRFF
 QLFVQGYALQLHQLQVLYKAKYGPMWMSYLGPMHVNLA SAPLLEQVMRQEGKYPVRNDMELWKEHRDQH
 DLTYGPFTEGHHWYQLRQALNQRL LKPAEAALYTD AFNEVIDDFMTRLDQLRAESASGNQVSDMVQLFY
 YFALEAICYILFEKRIGCLQRSIPEDTVTFVRSIGLMFQNSLYATFLPKWTRPVLPFWKRYLDGWN AIFS
 FGKKLIDEKLEDEAQLQAAGPDGIQVSGYLHFL LASGQLSPREAMGSLPELLMAGVD TTSNTLTWALYH
 LSKDPEIQEALHEEVGVVPAQVQPQHKDFAHMPL LKAVLKETLRLYPVPTNSRIIEKEIEVDGFLFPK
 NTQVFVCHYVVS RDPTAFSEPE SFQPHRWLRNSQPATPRIQH PFGSV PFGYGVRA CLGRRIAELEMQLLL
 ARLIQYKVV LAPETGELKSVARIVLVPNKVGLQFLQRQCTRTRPLEQKLI SEEDLAANDILDYKDDDD
 KV*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000784

| | |
|---------------|---|
| ORF Size: | 1593 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_000784.2</u> |
| RefSeq Size: | 2059 bp |
| RefSeq ORF: | 1596 bp |
| Locus ID: | 1593 |
| UniProt ID: | <u>Q02318</u> |
| Cytogenetics: | 2q35 |
| MW: | 60.26 kDa |