

Product datasheet for **RC214072A1V**

Human CYP2U1 (NM_183075) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYP2U1 (NM_183075) AAV Particle
Tag:	Myc-DDK
Symbol:	CYP2U1
Synonyms:	P450TEC; SPG49; SPG56
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214072 representing NM_183075
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCGCTCCGGGGCCGTCGACGCGCGGCCGAGGACCCGCCCTGGCCGCGCGCCTCTGCGTGC
 CTCTGGGGCTGCTGCGGCTGGACCCAGCGGGGCGCGCTGCTGCTATGCGGCCCTCGTAGCGCTGCTGG
 CTGGAGCTGGCTGCGGAGGCGCGGGCGCGGGCATCCCGCCGGGCCACGCCCTGGCCTCTGTTGGG
 AACTTCGGTCACGTGCTGCTGCCTCCCTTCTCCGCGCGGAGCTGGCTGAGCAGCAGGACCAGGGCCG
 CAGGGATTGATCCCTCGGTATAGGCCCGCAGGTGCTCCTGGCTCACCTAGCCCGCGTGTACGGCAGCAT
 CTTAGCTTTCTTATCGGCCACTACCTGGTGGTGGTCTCAGCGACTTCCACAGCGTGCAGGAGCGCTG
 GTGACGAGGCGGAGGTCTTACGCGACCGCCGCGGTGCCGCTCATCTCCATCGTGACCAAGGAGAAGG
 GGGTTGTGTTTGCACATTATGGTCCCGTCTGGAGACAACAAAGGAAGTTCTCTCATTCAACTCTTCGTC
 TTTTGGGTTGGGAAAAGTTAGCTTGGAGCCCAAGATTATTGAGGAGTTCAAATATGTGAAAGCAGAAATG
 CAAAAGCAGGAGAAGACCCCTTCTGCCCTTCTCCATCATCAGCAATGCCGTCTCTAACATCATTGTCT
 CCTTGTGCTTTGGCCAGCGCTTTGATTACACTAATAGTGAGTTCAAGAAAATGCTTGGTTTTATGTCAG
 AGGCCTAGAAATCTGTCTGAACAGTCAAGTCTCCTGGTCAACATATGCCCTTGGCTTTATTACCTTCCC
 TTTGGACCATTTAAGGAATTAAGACAAATTGAAAAGGATATAACCAAGTTTCTTAAAAAATCATCAAAG
 ACCATCAAGAGTCTCTGGATAGAGAGAACCCCTCAGGACTTCATAGACATGTACCTTCTCCACATGGAAG
 GGAGAGGAAAAATAATAGTAACAGCAGTTTTGATGAAGAGTACTATTTTATATCATTGGGGATCTCTTT
 ATTGCTGGGACTGATACCACAATACTCTTGGTCTGGTGCCTGCTGTATATGTCGCTGAACCCCGATG
 TACAAGAAAAGTTTATGAAGAAATTGAAAGAGTCATTGGCGCCAACCGAGCTCCTTCCCTCAGACAGAA
 GGCCCGATGCCCTACACAGAAGCCACCATCATGGAAGTGCAGAGGCTAACTGTGGTGGTCCCGCTTGCC
 ATTCTCATATGACCTCAGAGAACACAGTGCTCCAAGGTATACCATTCCTAAAGGCACATTGATCTTAC
 CCAACCTGTGGTCACTACATAGAGACCCAGCCATTTGGGAGAAACCGAGGATTCTACCTAATCGATT
 TCTGGATGACCAAGGACAATAATAAAAAGAAACCTTTATTCCTTTTGGGATAGGGAAGCGGGTGTGT
 ATGGGAGAACAACTGGCAAGATGGAATTATTCCTAATGTTTGTGAGCCTAATGCAGAGTTTCGCATTG
 CTTTACCTGAGGATTCTAAGAAGCCCTCCTGACTGGAAGATTGGTCTAACTTTAGCCCCACATCCATT
 TAATATAACTATTTCAAGGAGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214072 representing NM_183075
 Red=Cloning site Green=Tags(s)

MSSPGPSQPPAEDPPWPARRLLRAPLGLLRLLDPSGALLLCGLVALLGWSWLRRRRRARGIPPGPTPWPLVG
 NFGHVLLPPFLRRRSWLSRTRAAGIDPSVIGPVQLLAHLARVYGSIFSFFIGHYLVVLSDFHSVREAL
 VQQAQEVFSDRPRVPLISIVTKEKGVVFVHYGPVWRQQRKFSHSTLRHFLGLKLSLEPKIIEEFKYVKAEM
 QKHGEDPFCPFSIISNAVSNIICSLCFGRQFDYTNSEFKMLGFMSRGLIICLSQVLLVNICPWLYYLP
 FGPFKELRQIEKDITSFLKKIKDHQESLDRENPDQFIDMYLLHMEERKNNSNSFDEEYLFYIIGDLF
 IAGTDTTNSLLWCLLYMSLNPVQEKVHEEIERVIGANRAPSLTDAQMPYTEATIMEVQRLTVVPLA
 IPHMTSENTVLQGYTIPKGTLLPNLWSVHRDPAIWEKPEDFYPNRFLDDQGQLIKKETFIPIFGIGKRV
 MGEQLAKMELFLMFVSLMQSFAFALPEDSKKPLLTGRFGLTLAPHPFNITISRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_183075

ORF Size:	1632 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_183075.2</u>
RefSeq Size:	4760 bp
RefSeq ORF:	1635 bp
Locus ID:	113612
UniProt ID:	<u>Q7Z449</u>
Cytogenetics:	4q25
MW:	61.8 kDa