

Product datasheet for **RC213223A1V**

Human CYP4Z1 (NM_178134) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYP4Z1 (NM_178134) AAV Particle
Tag:	Myc-DDK
Symbol:	CYP4Z1
Synonyms:	CYP4A20
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213223 representing NM_178134
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCCTCCTGGCTTCAGGAACATCGGCTCACCCCTTCTTGCTGCTGATCCTCCTCTGCATGTCTC
 TGCTGCTGTTTCAGGTAATCAGGTTGTACCAGAGGAGGAGATGGATGATCAGAGCCCTGCACCTGTTTCC
 TGCACCCCTGCCCACTGGTTCTATGGCCACAAGGAGTTTACCCAGTAAAGGAGTTTGAGGTGTATCAT
 AAGCTGATGGAAAAATACCCATGTGCTGTTCCCTTGTTGGGTTGGACCTTTACGATGTTCTTCAGTGTCC
 ATGACCCAGACTATGCCAAGATTCTCCTGAAAAGACAAGATCCAAAAGTGTGTTAGCCACAAAATCCT
 TGAATCCTGGGTTGGTCGAGGACTTGTGACCTGGATGGTTCTAAATGGAAAAAGCACCGCCAGATTGTG
 AAACCTGGCTTCAACATCAGCATTCTGAAAATATTCATCACCATGATGTCTGAGAGTGTTCGGATGATGC
 TGAACAAATGGGAGGAACACATTGCCAAAACCTACGCTCTGGAGCTCTTCAACATGTCTCCTGATGAC
 CCTGGACAGCATCATGAAGTGTGCTTACGCCACCGAGGAGCAGTCCAGTTGGACAGTACCCTGGACTCA
 TACCTGAAAGCAGTGTCAACCTTAGCAAAATCTCCAACCGAGCATGAACAATTTCTACATCACAAACG
 ACCTGGTTTTCAATTACGCTCTCAAGGCCAAATCTTTTCTAAATTTAACCAAGAACTTCATCAGTTCAC
 AGAGAAAGTAATCCAGGACCGGAAGGAGTCTCTTAAGGATAAGCTAAAACAAGATACTACTCAGAAAAGG
 CGCTGGGATTTTCTGGACATACTTTGAGTGCCAAAAGCGAAAACACCAAAGATTTCTCTGAAGCAGATC
 TCCAGGCTGAAGTGAAAACGTTTCATGTTGCAGGACATGACACCACATCCAGTGCTATCTCCTGGATCCT
 TTAGTGCTTGGCAAAGTACCTGAGCATCAGCAGAGATGCCGAGATGAATCAGGGAACCTTAGGGGAT
 GGGTCTTCTATTACCTGGGAACCTGAGCCAGATGCCTTACACCACGATGTGCATCAAGGAATGCCTCC
 GCCTCTACGCACCGGTAGTAAACATATCCCGTTACTCGACAAACCCATTACTTTCCAGATGGACGCTC
 CTTACCTGCAGGAATAACTGTGTTTATCAATATTGGGCTCTTACCACAACCCCTATTTCTGGGAAGAC
 CCTCAGGTCTTTAACCCCTTGAGATTCTCAGGGAATAATTCTGAAAAATACATCCCTATGCCTTCATAC
 CATTCTCAGCTGGATTAAGGAAGTGCATTGGGCAGCATTTTGCCATAATTGAGTGTAAGTGGCAGTGGC
 ATTAACCTCTGCTCCGCTTCAAGCTGGCTCCAGACCACTCAAGGCCTCCCAGCCTGTTCTGCAAGTTGTC
 CTCAAGTCCAAGAATGGAATCCATGTGTTGCAAAAAAGTTTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEPSWLQELMAHPFLLLILLCMSLLLFQVIRLYQRRWMIRALHLFPAPPAHWFYGHKEFYPVKEFEVYH
 KLMEKYPYCAVPLWVGPFMTFFSVHDPDYAKILLKRQDPKSAVSHKILESWSVGRGLVTLDSKWKKHQIV
 KPGFNISILKIFITMSESVRMLNKEEHIAQNSRLELFQHVSLMTLDSIMKCAFHQSGSIQLDSTLDS
 YLKAVFNLKISNQRMNLFHNDLVFKFSSQGQIFSKFNQELHQFTEKVIQDRKESLKDCLKQDQTQKR
 RWDFLDILLSAKSENTKDFSEADLQAEVKTFMFAGHDTTSSAISWILYCLAKYPEHQQRDEIRELLGD
 GSSITWEHLSQMPYTTMCIKECLRLYAPVNVISRLLDKPIITPDGRSLPAGITVFINIWALHNPYFVED
 PQVFNPLRFSRENSKIHYPYAFIPFSAGLRNCIGQHFIIIECKVAVALTLRFLKAPDHSRPPQVVRQV
 LKSKNGIHVFAKKVCTRTRPLEQKLISEEDLAANDILDYKDDDDKV*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_178134

ORF Size:

1515 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_178134.2</u>
RefSeq Size:	1907 bp
RefSeq ORF:	1518 bp
Locus ID:	199974
UniProt ID:	<u>Q86W10</u>
Cytogenetics:	1p33
MW:	58.9 kDa