

Product datasheet for **RC212311A1V**

Human CYP3A43 (NM_057095) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYP3A43 (NM_057095) AAV Particle
Tag:	Myc-DDK
Symbol:	CYP3A43
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212311 representing NM_057095
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCTCATTCCAACCTTTGCCATGGAACATGGGTTCTTGTGGCTACCAGCCTGGTACTCCTCTATA
 TTTATGGGACCCATTACATAAACTTTTTAAGAAGCTGGGAATTCCTGGGCAACCCCTCTGCCTTTCT
 GGGAACTATTTTGTCTACCTTAGGGTCTTTGGAATTTGACAGAGAATGTAATGAAAAATACGGAGAA
 ATGTGGGGCTGTATGAGGGCAACAGCCCATGCTGGTCATCATGGATCCCGACATGATCAAACAGTGT
 TAGTGAAGAATGTTACTCTGTCTTACAAACCAGATGCCTTTAGGTCCAATGGGATTTCTGAAAAGTGC
 CTTAAGTTTTGCTGAAGATGAAGAATGGAAGAGAATACGAACATTGCTATCTCCAGCTTCCACCAGTGA
 AAATTCAGGAAATGGTCCCATCACTTCAAAGATTTCTTTGGGCCTACCCATGGATGTAATCACTGGCAC
 CAGAGAACAGCAAGTCCATCACTTCAAAGATTTCTTTGGGCCTACCCATGGATGTAATCACTGGCAC
 ATTATTTGGAGTGAACCTGGATTCTCTCAACAATCCACAAGATCCCTTTCTGAAAAATATGAAGAAGCTT
 TAAAAATTGGATTTTTGGATCCCTTTTACTCTTAATATCACTCTTCCATTTCTACCCAGTTTTTG
 AAGCCCTAAATATCGTTTTGTTTCCAAAAGATGTTACCCATTTTTAAAAAATCCATTGAAAGGATGAA
 AGAAAGTCGCCTCAAAGATAACAAAAGCATCGAGTAGATTTCTTTCAACAGATGATCGACTCCCAGAAT
 TCCAAAGAAACAAAGTCCATAAAGCTCTGTCTGATCTGGAGCTGTGGCCAGTCAATTATCATCATTT
 TTGCTGCCTATGACACAACACTAGCACCCTCTCCCTTCAATATGTATGAACTGGCCACTCACCTGATGT
 CCAGCAGAAACTGCAGGAGGAGATTGACGCAGTTTTACCAATAAGGCACCTGTCACCTACGATGCCCTG
 GTACAGATGGAGTACCTTGACATGGTGGTGAATGAAACGCTCAGATTATCCCAGTTGTTAGTAGAGTTA
 CGAGAGTCTGCAAGAAAGATATTGAAATCAATGGAGTTCATTCCCAAAGGGTTAGCAGTGTGGTTCC
 AATCTATGCTCTTCAACCATGACCCAAGTACTGGACAGAGCCTGAGAAGTTCTGCCTGAAAGTTCAAGT
 AAGAAGAACAAGGACAGCATAGATCTTTACAGATACATACCTTTTGGAGCTGGACCCGAAACTGCATTG
 GCATGAGGTTTCTCTCAAAACATAAACTTGTCTGTCATTAGAGCACTGCAGAATTCTCCTTCAAACC
 TTGTAAGAGACTCAGATCCCACTGAAATTAGACAATCTACCAATTCTTCAACCAGAAAAACCTATTGTT
 CTAAGTGCCTTAAGAGATGGGATTACAAGTGGACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212311 representing NM_057095
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MDLIPNFAMETWVLVATSLVLLYIYGTHSHKLFKKLGIPTPLPFLGTILFYLRGLWNFDRECNEKYGE
 MWGLYEQQPMLVIMDPDMIKTVLVKECYSVFTNQMPGLGPMGFLKSALSFAEDEEWKIRITLLSPAFTSV
 KFKEMVPIISQCGDMLVRSLRQEAENSKSINLKDFFGAYTMDVITGTLFGVNLDSLNNPQDPFLKNMKKL
 LKLDLDFPFLLLISLFPFLTPVFEALNIGLFPKDVTHFLKNSIERMKESRLKDKQKHRVDFQQMIDSQN
 SKETKSHKALSDLELVAQSIIFAAAYDTTSTLTPFIMYELATHPDVQKQLEEIDAFLPNKAPVTYDAL
 VQMEYLDMVNETLRLFPVVSRTVTRVCKDIEINGVFIKGLAVMVIYALHHPKYWTEPEKFCPERFS
 KKNKDSIDLRYIPFGAGPRNCIGMRFALTNIKLAVIRALQNFSPKPKETQIPLKLDNLPILQPEKPIV
 LKVHLRDGITSGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_057095
ORF Size: 1509 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_057095.1</u>
RefSeq Size:	2164 bp
RefSeq ORF:	1512 bp
Locus ID:	64816
UniProt ID:	<u>Q9HB55</u>
Cytogenetics:	7q22.1
MW:	57.5 kDa