

Product datasheet for RC214234A1V

Human CYP2A7 (NM_030589) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human CYP2A7 (NM_030589) AAV Particle
Tag: Myc-DDK
Symbol: CYP2A7
Synonyms: CPA7; CPAD; CYP2A; CYP11A7; P450-11A4
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC214234 representing NM_030589
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCTGGCCTCAGGGCTGCTTCTGGTGGCCTTGTCTGGCCTGCCTGACTGTGATGGTCTTGATGTCTGTCT
 GGCAGCAGAGGAAGAGCAGGGGAAGCTGCCTCCGGGACCCACCCACTGCCCTTCATTGGAAACTACCT
 CCAGCTGAACACAGAGCACATATGTGACTCCATCATGAAGGTGTCCCAAGGCGTGGCGTTTCAGCAACGGG
 GAGCGCGCCAAGCAGCTCCTGCGCTTTGCCATCGCCACCCTGAGGGACTTCGGGGTGGCAAGCGAGGCA
 TCGAGGAGCGCATCCAGGAGGAGTCGGGCTTCCCTCATCGAGGCCATCCGGAGCAGCAGCGCGCCAATAT
 CGATCCACCTTCTTCTGAGCCGACAGTCTCCAATGTCATCAGCTCCATTGTCTTTGGGGACCGCTTT
 GACTATGAGGACAAAGAGTTCCTGCTCACTGCTGAGCATGATGCTAGGAATCTTCCAGTTCACGTCAACCT
 CCACGGGGCAGCTCTATGAGATGTTCTTCTCGGTGATGAAACACCTGCCAGGACCACAGCAACAGGCCTT
 TAAGTTGCTGCAAGGGCTGGAGGACTTCATAGCCAAGAAGGTGGAGCACAACCAGCGCACGCTGGATCCC
 AATTCACACAGGACTTCATCGACTCCTTCTCATCCACATGCAGGAGGAGGAGAAGAACCCCAACACGG
 AGTTCTACTTGAAGAACCTGATGATGAGCACGTTGAACCTTTCATTGCAGGCACCGAGACGGTCAGCAC
 CACCCTGCGCTATGGCTTCTTGCTGCTCATGAAGCACCCAGAGGTGGAGGCCAAGTCCATGAGGAGATT
 GACAGAGTGATCGGCAAGAACCAGCGCAAGTTTGGAGACCGACCAAGATGCCCTACATGGAGGAG
 TGATCCACGAGATCCAAAGATTTGGAGACGTGATCCCATGAGTTTGGCCCGCAGGGTTAAAAAGGACAC
 CAAGTTTCGGGATTTTTCTCCCTAAGGGCACCGAAGTGTCCCTATGCTGGGCTCCGTGCTGAGAGAC
 CCCAGCTTCTTCTCCAACCTCAGGACTTCAATCCCCAGCATTTCCTGGATGACAAGGGGCGATTTAAGA
 AGAGTGATGCTTTTGTGCCCTTTTCCATCGGAAAGCGGAACTGTTTCGGAGAAGGCTGGCCAGAATGGA
 GCTCTTTCTTCTTACCACCGTATCGAGAACTCCGCCTCAAGTCTCCAGTCACCTAAGGACATT
 GACGTGTCACCAACACGTGGTCTTGGCCAGATCCACGAAACTACACCATGAGCTTCTGCCCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC214234 representing NM_030589 Red=Cloning site Green=Tags(s) MLASGLLLVALLACLTVMLMSVWQQRKSRGKLPPGPTPLPFIGNYLQLNTEHICDSIMKVSQGVAFSNG ERAKQLLRFAIATLRDFGVGKRGIEERIQEESGFLIEAIRSTHGANIDPTFFLSRTVSNVISSIVGDRF DYEDKEFLSLLSMLLGIFQFTSTSTGQLYEMFSSVMKHLPGPQQQAFKLLQGLEDFIAKKVEHNQRTLDP NSPQDFIDSFLIHMQEEKPNTEFYLKNLMMSTLNLFIAGTETVSTTLRYGFLLLMKHPEVEAKVHEEI DRVIGKNRQPKFEDRTKMPYMEAVIHEIQRFQDVIPMSLARRVKKDTKFRDFFLPKGTEVFPMLGSVLRD PSFFSNPQDFNPQHFLDDKGQFKKSDAFVPFSIGKRNCFGEGGLARMELFLFFTTVMQNFRLKSSQSPKDI DVSPKHVVVFATIPRNYTMSFLPR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_030589
ORF Size:	1329 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_030589.2 , NP_085079.2
RefSeq Size:	2128 bp
RefSeq ORF:	1332 bp
Locus ID:	1549
UniProt ID:	P20853
Cytogenetics:	19q13.2
MW:	50.5 kDa