

Product datasheet for **RC204033A1V**

Human coproporphyrinogen oxidase (CPOX) (NM_000097) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human coproporphyrinogen oxidase (CPOX) (NM_000097) AAV Particle
Tag:	Myc-DDK
Symbol:	coproporphyrinogen oxidase
Synonyms:	COX; CPO; CPX; HARPO; HCP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204033 representing NM_000097
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCTTGCAGCTGGGCAGGCTGAGCTCGGGCCCTGCTGGCTCGTGGCGCGGGCGGGCTGCGGAGGGC
 CCCGCGCTGGTCCAGTGCGGCGGCGGAGGGCTCCGAGCCTGGTCCAGCGCAGCGCAGCCGGACGCGT
 CTGCGGCCCCCTGGCCCGGCTGGCACGAGCAGAGCCGCGGGCTGGGGCAGCGCTCGAGCTCGAGAGGC
 GGCCCCCTGGGTGGGACAGGGCTGGCCGCGGCGCTGGCGGGTGGTGGGGCTGGCCACCGCCGCTTCG
 GGCATGTGCGAGCGGGCGAGATGTTGCCTAAGACCTCGGGGACGCGGGCCACTTCGCTGGGGAGGCGGA
 GGAGGAGGAGGATGAGCTGGCCACCGCTGCAGCAGCTTCATGGCCCCGCTGTGACCGACTGGGCGAG
 CTGCGAAGGAGGCGGGCGACATGAAGACCAAGATGGAGCTGCTGATTCTGGAGACCCAGGCCAGGTGT
 GCCAGGCTCTGCACAGGTAGACGGGGCGCCAACTTTCTGTGGACCGGTGGGAGAGGAAGGAAGGAGG
 TGGCGGCATCAGCTGTGTAAGATGGGTGTGTTTTCGAAAAGGCTGGGGTGAGCATTCTGTGTGT
 CATGGAATCTTTAGAGGAAGCTGCAAAACAAATGAGAAGCAGAGGAAAAGTTCTGAAGACTAAAGATG
 GTAAATTGCCATTTGTGCTATGGGCGTGAGCTCTGTTATCCACCCCAAGAATCCTCATGCTCCTACTAT
 CCATTTCAACTACAGATACTTTGAAGTAGAAGAAGCTGATGGCAACAAGCAGTGGTGGTTTGGTGGTGA
 TGTGACCTCACTCCAACATACTTGAATCAAGAAGACGCTGTCCATTTTACAGAACTCTGAAGGAGGCTT
 GTGACCAGCATGGTCCAGATCTTACCCCAATTTAAAAATGGTGTGATGATTACTTCTTTATAGCCCA
 TCGTGGAGAACGGCGGGCATTGGTGGTATCTTTTGGATGATCTTACTCTCCGTCCAAGGAGGAGGTG
 TTTGCTTTGTACAGAGCTGTGCCAGGCTGTAGTTCCTTCTTACATTCCTTGTGAAAAGCACTGTG
 ATGACTCATTACCCCCCAGGAGAAGCTGTGGCAGCAGCTCAGAAGAGGACGGTATGTAGAATTTAATCT
 GCTGTATGATCGGGGCACAAAGTTTGGCCTCTTCACTCCAGGATCCAGAATTGAAAGTATCTTGATGTCT
 TTACCTCTAACTGCCGATGGGAGTACATGCATTACCCCTCAGAGAATTCCAAAGAAGCTGAAATTTCTG
 AAGTTCTACGCCATCCAAGGACTGGGTGCGT

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204033 representing NM_000097
 Red=Cloning site Green=Tags(s)

MALQLGRLSSGPCWLVARGGCGGPRAWSCGGGGLRAWQSQRSAAGRVCRPPGAPTEQSRGLGHGSTRG
 GPWVGTGLAAALAGLVGLATAAFGHVQRAEMLPKTSGTRATSLGRPEEEDELAHRCSSFMAPPVTDLGE
 LRRRPDGMKTKMELLILETQAQVCQALAQVDGGANFSVDRWERKEGGGISCVLQDGCVFKEAGVSVV
 HGNLSEEAQKMRSGKVLKTKDGKLPFCAMGVSSVIHPKNPHPTIHFNYRYFEVEEADGNKQWWFGGG
 CDLTPTYLNQEDAVHFHRTLKEACDQHGPDLYPKFKKWCDDYFFIAHRGERRIGGIFDLDLSPSKEEV
 FRFVQSCARAVVPSYIPLVKKHCDDSFTPQEKLWQQLRRGRYVEFNLLYDRGTKFGLFTPGSRIESILMS
 LPLTARWEYMHSPSENSKEAEILEVLRHPRDWVR

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000097

ORF Size:

1362 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_000097.5</u>
RefSeq Size:	2728 bp
RefSeq ORF:	1365 bp
Locus ID:	1371
UniProt ID:	<u>P36551</u>
Cytogenetics:	3q11.2
MW:	50.6 kDa