

Product datasheet for **RC202172A1V**

Human Cytochrome P450 Reductase (POR) (NM_000941) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cytochrome P450 Reductase (POR) (NM_000941) AAV Particle
Tag:	Myc-DDK
Symbol:	POR
Synonyms:	CPR; CYPOR; P450R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202172 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGATCAACATGGGAGACTCCACGTGGACACCAGCTCCACCGTGTCCGAGGCGGTGGCCGAAGAAGTAT
CTCTTTTCAGCATGACGGACATGATTCTGTTTTCGCTCATCGTGGGTCTCCTAACCTACTGGTTCCTCTT
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CACCGGGGTGGCACCTTCATAGGCTTCATCCAGGAGCGGGCCTGGCTGCGACAGCAGGGCAAGGAGGTG
GGGAGACGCTGCTGTACTACGGCTGCCGCCGCTCGGATGAGGACTACCTGTACCGGGAGGAGCTGGCGC
AGTTCCACAGGGACGGTGCCTCACCCAGCTCAACGTGGCCTTCTCCCGGAGCAGTCCCAAGGTCTA
CGTCCAGCACCTGCTAAAGCAAGACCGAGAGCACCTGTGGAAGTTGATCGAAGGCGGTGCCACATCTAC
GTCTGTGGGATGCACGGAACATGGCCAGGGATGTGCAGAACCTTCTACGACATCGTGGCTGAGCTCG
GGGCCATGGAGCACGCGCAGGCGGTGGACTACATCAAGAACTGATGACCAAGGGCCGCTACTCCTGGA
CGTGTGGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202172 protein sequence Red=Cloning site Green=Tags(s) MINMGDSHVDTSSTVSEAVAEVSLFSMTDMILFSLIVGLLTYWFLFRKKKEEVPEFTKIQTLTSSVRES SFVEKMKKTGRNIIVFYGSQTGTAEFANRLSKDAHRYGMRGMSADPEEYDLADLSSLPEIDNALVVF CMATYGECDPTDNAQDFYDWLQETDVLGKVFVAVGLGNKTYEHFNAMGKYVDKRLEQLGAQRIFELGLGD DDGNLEEDFITWREQFWLAVCEHFGVEATGEESSIRQYELVVHTDIDAQVYMGEMGRKLSYENQKPPFD AKNPFLAAVTTNRKLNQGTERHLMHLELDISDSKIRYESGDHVAVYPANDSALVNQLGKILGADLDVVM SLNNLDEESNKKHPFPCPSYRTALTYLDITNPPRTNVLVELAQYASEPSEQELLRKMASSSGEGKELYL SWVVEARRHILAILQDCPSLRPPIDHLCCELLPRLQARYYSIASSSKVHPNSVHICAVVVEYETKAGRINK GVATNWLRAKEPVGENGRALVPMFVRKSQFRLPFKATTPVIMVPGTGVAPFIGFIQERAWLRQQGKEV GETLLYYGCRSDDEDLYREELAQFHRDGLTQLNVAFSREQSHKVVYVQHLLKQDREHLWKLIEGGAHIY VCGDARNMARDVQNTFYDIVAELGAMEHAQAVDYIKKLMTKGRYSLDVWS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000941
ORF Size:	2040 bp
Buffer:	PBS with 0.001% Pluronic F5289
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_000941.2 , NP_000932.1
RefSeq Size:	2509 bp
RefSeq ORF:	2043 bp
Locus ID:	5447
UniProt ID:	P16435
Cytogenetics:	7q11.23
MW:	77.1 kDa