

Product datasheet for **RC225811A1V**

Human PPOX (NM_001122764) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PPOX (NM_001122764) AAV Particle
Tag:	Myc-DDK
Symbol:	PPOX
Synonyms:	PPO; V290M; VP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC225811 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCGGACCGTGGTCTGCTGGGCGGAGGCATCAGCGGCTTGGCCGCCAGTTACCACCTGAGCCGGG
 CCCCCTGCCCCCTAAGGTGGTCTAGTGGAGAGCAGTGAGCGTCTGGGAGGCTGGATTCGCTCCGTTCCG
 AGGCCCTAATGGTGCTATCTTTGAGCTTGGACCTCGGGGAATTAGGCCAGCGGGAGCCCTAGGGGCCGG
 ACCTTGCTCCTGGTTTCTGAGCTTGGCTTGGATTGAGAAGTGTGCTGTCCGGGGAGACCACCCAGCTG
 CCCAGAACAGGTTCTCTACGTGGGCGGTGCCCTGCATGCCCTACCCACTGGCCTCAGGGGGCTACTCCG
 CCCTTACCCCCCTTCTCAAACCTCTGTTTTGGGCTGGGCTGAGGGAGCTGACCAAGCCCCGGGCAAA
 GAGCCTGATGAGACTGTGCACAGTTTTGCCAGCGCCGCTTGGACCTGAGGTGGCGTCTCTAGCCATGG
 ACAGTCTCTGCCGTGGAGTGTTCAGGCAACAGCCGTGAGCTCAGCATCAGGTCCTGCTTCCAGTCT
 CTTCCAAGCTGAGCAAAACCATCGTTCCATATTACTGGGCTGCTGCTGGGGCAGGGCGGACCCACAG
 CCAGACTCAGCACTCATTGCGCCAGGCCTTGGCTGAGCGCTGGAGCCAGTGGTCACTTCGTGGAGGTCTAG
 AGATGTTGCTCAGGCCCTTGAACCCACCTGACTAGTAGGGGGTCACTGTTCTCAGAGGCCAGCCGGT
 CTGTGGGCTCAGCCTCCAGGCAGAAAGGCGCTGGAAGGTATCTCTAAGGGACAGCAGTCTGGAGGCTGAC
 CACGTTATTAGTGCCATTCCAGCTTCAGTGCTCAGTGAGCTGCTCCCTGCTGAGGCTGCCCTCTGGCTC
 GTGCCCTGAGTGCCATCACTGCAGTGTCTGTAGCTGTGGTGAATCTGCAGTACCAAGGAGCCCATCTGCC
 TGTCCAGGGATTGGACATTTGGTGCCATCTTCAGAAGATCCAGGAGTCTGGGAATCGTGTATGACTCA
 GTTGCTTTCCCTGAGCAGGACGGGAGCCCCCTGGCCTCAGAGTACTGTGATGCTGGGAGGTTCTGGT
 TACAGACTGGAGGCTAGTGGCTGTCTTATCTCAGGAGCTGTTTCAACAGCGGGCCAGGAAGCAGC
 TGCTACACAATTAGGACTGAAGGAGATGCCGAGCCACTGCTTGGTCCATCTACACAAGAACTGCATTCCC
 CAGTATACACTAGGTCACTGGCAAAACTAGAGTCAGCTAGGCAATTCCTGACTGCTCACAGGTTGCCCC
 TGACTCTGGCTGGAGCCTCCTATGAGGGAGTTGCTGTTAATGACTGTATAGAGAGTGGGCGCCAGGCAGC
 AGTCAGTGTCTGGGCACAGAACCTAACAGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225811 protein sequence
 Red=Cloning site Green=Tags(s)

MGRTVVVLGGISGLAASYHLSRAPCPKVVVLESSERLGGWIRSVRGPNGAIFELGPRGIRPAGALGAR
 TLLL VSELGLDSEVL PVRGDHPAAQNRFL YVGGALHALPTGLRGLLRSPPF SKPLFWAGLRELTKPRGK
 EPDET VHSFAQRR LGPEVASLAMD SLCRGVFAGNSREL SIRSCFSLFQAEQTHRSILLGLLLGAGRTPQ
 PDSALIRQAL AERWSQWSLRGGLEMLPQALETHLTSRGVSVLRGPVCGLSLQAEGRWKVSLRDSSEAD
 HVISAIPASVLS ELLPAEAAPLARALSAITAVSVAVVNLQYQGAHLPVQGFHGLVPSSDPGVLGIVYDS
 VAFPEQDGSPGLRVT VMLGGSWLQTL EASGCVLSQELFQQRAQEAATQLGLKEMPSHCLVHLHKNCIP
 QYTLGHWQKLESARQFLTAHRLPLTLGAS YEGVAVND CIESGRQAASVVLGTEPNS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001122764

ORF Size:

1431 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_001122764.1</u>
RefSeq Size:	1777 bp
RefSeq ORF:	1434 bp
Locus ID:	5498
UniProt ID:	<u>P50336</u>
Cytogenetics:	1q23.3
MW:	50.8 kDa