

Product datasheet for **RC201181A1V**

Human Flavin containing monooxygenase 4 (FMO4) (NM_002022) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Flavin containing monooxygenase 4 (FMO4) (NM_002022) AAV Particle
Tag:	Myc-DDK
Symbol:	Flavin containing monooxygenase 4
Synonyms:	FMO2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC201181 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCCAAGAAAGTTGCAGTGATTGGAGCTGGTGTGAGTGGCCTCTCCTCCATCAAATGCTGTGGATG
 AGGACCTGGAGCCCACCTGCTTTGAGAGAAGTGATGACATTGGGGGATTATGGAAGTTTACTGAATCTTC
 CAAAGATGGGATGACCAGGTCTATAAGTCATTAGTGACAAATGTCTGTAAGGAAATGTCATGTTACAGT
 GACTTCCCTTTCCACGAAGATTATCCTAATTTTCATGAACCATGAAAAATTTGGGACTATCTCCAAGAAT
 TTGCTGAGCACTTTGACCTCCTGAAATACATTCAGTTTAAAGCACTGTGTGCAGCATAACGAAGCGTCC
 AGACTTCTCCGAACTGGTCAGTGGGATGTTGTACAGAGACAGAGGGCAAGCAAAATAGAGCTGTCTTT
 GATGCTGTTATGGTTTGCAGTGGACATTTCTGAATCCCATTTACCTTTGGAAGCCTTTCTGGAATTC
 ATAAGTTTAAAGGTCAGATCCTGCATAGTCAAGAGTACAAGATCCAGAAGGCTTTGAGGCAACGCGT
 CTTGGTGATTGGTCTTGGGAACACTGGAGGAGACATTGCTGTGGAACCTAGTCAACGGCAGCTCAGGTA
 CTTCTCAGTACTAGAAGTGGTACCTGGGTTCTTGGGCGCTCTTCAAGTTGGGGCTATCCTTATAATATGA
 TGGTTACAAGAAGATGCTGTAGTTTTATTGCACAAGTTCTGCCTTCACGTTTTCTAACTGGATTCAAGA
 AAGGAAGTTGAATAAGAGATTTAATCATGAGGATTATGGATTAAGTATTACCAAAGGGAAAAAGCAAAA
 TTCATTGTGAATGATGAGCTGCCAACTGTATCCTCTGTGGGGCAATCACTATGAAAACAGCGTGATTG
 AATTTACAGAAACCTCTGCTGTCTTTGAAGATGGGACAGTGAAGAAAACATTGATGTTGTGATCTTCAC
 TACAGGATATACATTTTCTTTCCATTTTGAAGAACCTCTTAAAGCCTCTGTACAAAGAAGATTTT
 CTATACAAGCAAGTCTTTCCCTTAAACCTAGAGAGAGCGACATTAGCCATCATCGGCCTTATCGGCCTTA
 AAGGATCCATCTTATCAGGCACAGAGCTCCAAGCACGATGGGTACAAGAGTATTCAAAGGACTCTGTA
 GATACCTCCATCCCAAAAATTGATGATGGAGGCTACTGAAAAGGAACAGCTCATTAAAAGGGGAGTGTTT
 AAAGACACCAGCAAGACAAATTTGACTACATTGCCTACATGGATGATATCGCTGCCTGCATAGGCACAA
 AGCCCAGCATCCCACTTCTGTTCTCAAGGATCCAGACTAGCTTGGGAAGTTTTCTTTGGACCATGTAC
 TCCTTATCAGTACCGCTCATGGGCCCTGGAATGGGATGGAGCCAGAAATGCCATCCTGACCCAGTGG
 GACAGAACATTGAAACCTTTAAAACTCGAATTGTCCCTGATTCTCCAAGCCTGCCTCCATGTCACATT
 ATTTAAAGCCTGGGGGACCTGTCTACTTGCCTCTCTTCTACTTATCTGTAATCTTCACTTTTCTT
 GAAATTGGTGAGAGATAAACTACAGGACAGAATGTCCCTTACCTAGTAAGTCTTTGGCGAGGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201181 protein sequence
 Red=Cloning site Green=Tags(s)

MAKKVAVIGAGVSGLSSIKCCVDELEPTCFERSDDIGGLWKFTESKDGMRVYKSLVTNVCKEMSCYS
 DFPFHEDYPNFMNHEKFWDYLQFAEHFDLLKYIQFKTTVCISITKRPDSETGQWDVVTEGKQNRVAF
 DAVMVCTGHFLNPHLPLEAFPGIHKFKQILHSQEYKIPGFGQKRVLVIGLGNTGGDIAVELSRTAQV
 LLSTRGTWVLGRSSDWGYPYNNMVTRCCSFIAQVLPSPFLNWIQERKLNKRFNHEDYGLSITKGKKAK
 FIVNDELPCILCGAITMKTTSVIEFTETSAVFEDGTVEENIDVVIFFTGYTFSFPFFEEPLKSLCTKKIF
 LYKQVFPLNLERATLAIIGLIGLKGSILSGTELQARWVTRVFKGLCKIPPSQKLMMEATEKEQLIKRGVF
 KDTSKDKFDYIAYMDDIAACIGTKPSIPLLFLKDPRLAWEVFFGPCTPYQYRLMGPGKWDGARNAILTQW
 DRTLKPLKTRIVPDSSKPASMSHYLKAWGAPVLLASLLICKSSLFLKLVRDKLQDRMSPYLVSLWRG

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002022

ORF Size:	1674 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_002022.1</u>
RefSeq Size:	2148 bp
RefSeq ORF:	1677 bp
Locus ID:	2329
UniProt ID:	<u>P31512</u>
Cytogenetics:	1q24.3
MW:	63.3 kDa