

Product datasheet for **MR230377A1V**

Mouse Cyp4f14 (NM_001204336) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Cyp4f14
Synonyms:	I300014O15Rik; cyp4f-14
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230377 representing NM_001204336
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTACAGCTGAGCCTGTCCTGGTTGGGACTGGGGCCCGAGGTGGCCTTCCCATGGAAGACCCTGCTAC
 TGCTTGGGGCCTCCTGGATCCTGGCCCGGATTCTGATCCAGATCTATGCTGCCTATAGGAACATCGTCA
 CCTCCATGGCTTCCCTAGCCCCCAACGGAAGTGGCTTATGGGTACGTGGGCATGGTAACTCCTACA
 GAGCAGGGCTTGAAGGAATTGACTCGTTTGGTGGGTACCTACCCCCAAGGTTTTTGTATGTGGATTGGAC
 CAATGGTCCCTGTTATTACTCTATGCCATTCTGACATCGTCCGATCTATCCTCAATGCCTCAGCCGCTGT
 TGCACCTCAAGGATGTGATATTCTACAGCATCCTAAAGCCTTGGCTGGGGGATGGGCTCTTGGTGAGTGT
 GGTGACAAGTGGAGCCGCCATCGTCGATGCTGACACCCGCTTTCATTCAACATCCTGAAGCCCTATG
 TGAAGATTTTCAACGATAGCACCAACATCATGCACGCCAAGTGGCAACGGTTGATTTTCAAGTGGCAGTGC
 CCGTCTGGACATGTTTGGACAGTGCAGCTGATGACTCTGGATAGTCTGCAGAAATGTGTCTTCAGCTTT
 GACAGCAACTGTGACGAGGAAGTCCAGTGAATATATTGCTGCCATCCTGGAGCTCAGTGCCCTAGTGGCCA
 AAAGGCCACAGCAGCCTTTGATGTTTCATGGACCTGCTGTATAATCTCACCCCTGATGGTATGCGCTTCCG
 TAAGGCCTGCAACGTGGTGCATGAATTCATGATGCTGTATCCGGGAGCGGCACCGCACCTCCAGAT
 CAGGGTTTGGATGACTTCTTAAGTCTAAGGCCAAGTCCAAGACTTTGGATTTTATTGATGTGCTGCTGC
 TGAGCAAGGATGAAGATGGAAAGGAGCTGTGAGATGAGGACATCCGAGCAGAGGCTGACACCTTCATGTT
 TGAGGGCCATGACACGACAGCCAGTGGACTCTCCTGGATCCTCTACAACCTGGCAAGGCACCCAGAATAC
 CAGGAGCGCTGCCGCGAGGAAGTTCAGGAGCTGCTGAGGGGCCGAGAGCCTGAGGAGATTGAATGGGACG
 ACCTGGCCAGTACCTTCTGACCATGTGCATCAAGGAGAGTCTGCGACTGCATCCCCAGTACCGGT
 CATCTCCCGATGCTGCACCCAGGACATTCTGCTCCAGATGGCCGAGCATTCCCAAAGGTATCATCTGT
 CTCATCAGCATCTTTGGAATTCATCACAACCCATCCGTGTGGCCAGACCCTGAGGTCTATGACCCCTTCC
 GCTTTGACCTGAAACATCAAAGACAGCTCACCTCTGGCATTATTCCTTCTCGGCGGGACCCAGGAA
 CTGCATAGGACAGACTTTGCCATGAGTGAGATGAAGTGGCACTGGCGCTGACGCTGCTGCGCTTCCGA
 CTCCTACCGGATGACAAGGAGCCGCGCAGGCAGCAGCTGATCCTGCGCGCAGGGCGGGCTGTGGC
 TGCGGGTGGAGCCGCTGAGCGCGGGCGCTCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230377 representing NM_001204336
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MSQLSLSWLGLGPEVAFPWKTL LLLGASWILARILIQIYAAYRNYRHLHGFPQPPKRNWLMGHVGMVTP
 EQGLKELTRLVGTYPQGFLMWIGPMVPVITLCHSDIVRSILNASAAVALKDVIYFYSILKPWLGDGLLVSA
 GDKWSRHRMLTPAFHFNLKPYVKIFNDSTNIMHAKWQLISDGSARLDMFEHVSMTLDSLQKCVFSF
 DSNQEKSSSEYIAAILELSALVAKRHQQPLMFMDLLYNLTPDGMFRKACNVVHEFTDAVIRERHRTLDP
 QGLDDFLKSKAKSKTLDIDVLLLSKDEDGKELSDIEDIRAEADTFMEGHDTTASGLSWILYNLARHPEY
 QERCRCQEVQELLRGREEIEWDDLAQLPFLTMCIKESLRHPPVTVISRCCTQDILLPDGRTIPKGIIC
 LISIFGIHHNPSVWPDPEVYDPFRFDPENIKDSSPLAIFPFSAGPRNCIGQTFAMSEMKVALALTLLRFR
 LLPDDKEPRRQPELILRAEGLWLRVEPLSAGAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001204336

ORF Size: 1572 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_001204336.1 , NP_001191265.1
RefSeq Size:	2205 bp
RefSeq ORF:	1575 bp
Locus ID:	64385
UniProt ID:	Q9EP75
Cytogenetics:	17 B1
MW:	59.8 kDa