

Product datasheet for **MR208397A1V**

Mouse Cyp4f14 (NM_022434) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Cyp4f14
Synonyms:	1300014O15Rik; cyp4f-14
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR208397 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTCACAGCTGAGCCTGCTCTGGTTGGGACTGGGGCCGAGGTGGCCTTCCCATGGAAGACCCTGCTAC
 TGCTTGGGGCCTCCTGGATCCTGGCCCGGATTCTGATCCAGATCTATGCTGCCTATAGGAACATCGTCA
 CCTCCATGGCTTCCCTAGCCCCCAACGGAAGTGGCTTATGGGTACGTTGGGCATGGTAACTCCTACA
 GAGCAGGGCTTGAAGGAATTGACTCGTTTGGTGGGTACCTACCCCCAAGGTTTTTGTATGTGGATTGGAC
 CAATGGTCCCTGTTATTACTCTATGCCATTCTGACATCGTCCGATCTATCCTCAATGCCTCAGCCGCTGT
 TGCACCTCAAGGATGTGATATTCTACAGCATCCTAAAGCCTTGGCTGGGGGATGGGCTCTTGGTGAGTGT
 GGTGACAAGTGGAGCCGCCATCGTCGATGCTGACACCCGCTTTCATTCAACATCCTGAAGCCCTATG
 TGAAGATTTTCAATGATAGCACCAACATCATGCACGCCAAGTGGCAACGGTTGATTTTCAAGTGGCAGTGC
 CCGTCTGGACATGTTTGGACAGTGCAGCTGATGACTCTGGATAGTCTGCAGAAATGTGTCTTCAGCTTT
 GACAGCAACTGTGACGAGGAAGTCCAGTGAATATATTGCTGCCATCCTGGAGCTCAGTGCCCTAGTGGCCA
 AAAGGCACAGCAGCCTTTGATGTTTCATGGACCTGCTGTATAATCTCACCCCTGATGGTATGCGCTTCCG
 TAAGGCCTGCAACGTGGTGCATGAATTCATGATGCTGTATCCGGGAGCGGCACCGCACCTCCAGAT
 CAGGGTTTGGATGACTTCTTAAGTCTAAGGCCAAGTCCAAGACTTTGGATTTTATTGATGTGCTGCTGC
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 TGAGGGCCATGACACGACAGCCAGTGGACTCTCCTGGATCCTCTACAACCTGGCAAGGCACCCAGAATAC
 CAGGAGCGCTGCCGCGAGGAAGTTCAGGAGCTGCTGAGGGGCCGAGAGCCTGAGGAGATTGAATGGGACG
 ACCTGGCCAGTACCTTCTGACCATGTGCATCAAGGAGAGTCTGCGACTGCATCCCCAGTACCGGT
 CATCTCCCGATGCTGCACCCAGGACATTCTGCTCCAGATGGCCGAGCATTCCCAAAGGTATCATCTGT
 CTCATCAGCATCTTTGGAATTCATCACAACCCATCCGTGTGGCCAGACCCTGAGGTCTATGACCCCTTCC
 GCTTTGACCTGAAACATCAAAGACAGCTCACCTCTGGCATTATTCCCTTCTCGGCGGGACCCAGGAA
 CTGCATAGGACAGACTTTGCCATGAGTGAGATGAAGTGGCACTGGCGCTGACGCTGCTGCGCTTCCGA
 CTCCTACCGGATGACAAGGAGCCGCGCAGGCAGCAGCTGATCCTGCCGCGAGGGCGGGCTGTGGC
 TGCGGGTGGAGCCGCTGAGCGCGGGCGCTCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR208397 protein sequence
 Red=Cloning site Green=Tags(s)

MSQLSLSWLGLGPEVAFPWKTL LLLGASWILARILIQIYAAYRNYRHLHGFPQPPKRNWLMGHVGMVPTPT
 EQGLKELTRLVGTYPQGFLMWIGPMVPVITLCHSDIVRSILNASAAVALKDVI FYSILKPWLGDGLLVSA
 GDKWSRHRRLTPAFHFNLKPYVKIFNDSTNIMHAKWQRLISDGSARLDMFEHVSLMTLDSLQKCVFSF
 DSNCQEKSSSEYIAAILELSALVAKRHQQPLMFMDLLYNLTPDGMFRKACNVVHEFTDAVIRERHRTLDP
 QGLDDFLKSKAKSKTLDIDVLLLSKDEGKELSDIEDIRAEADTFMEGHDTTASGLSWILYNLARHPEY
 QERCRCQEVQELLRGREEIEWDDLAQLPFLTMCIKESLR LHPPVTVISRCCTQDILLPDGRTIPKGIIC
 LISIFGIHHNPSVWPDPEVYDPFRFDPENIKDSSPLAIPFSAGPRNCIGQTFAMSEMKVALALTLLRFR
 LLPDDKEPRRQPELILRAEGLWLRVEPLSAGAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_022434
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_022434.1 , NP_071879.1
RefSeq Size:	2225 bp
RefSeq ORF:	1575 bp
Locus ID:	64385
UniProt ID:	Q9EP75
Cytogenetics:	17 B1
MW:	59.8 kDa