

Product datasheet for **MR208398A1V**

Mouse Cyp4f18 (NM_024444) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Cyp4f18
Synonyms:	1810054N16Rik; Cyp4f3; Cypf18
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR208398 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTCACAGCTGAGCCTGTCCTGGATGGGCTGGGCCACACAGCAGCCTCTCCATGGCTGTTGCTGTTGC
 TGGCTGGGGCTCCTGCCTTCTGGCTTACATCCTGACCCAGATTTATGGTGTGTTTGAGAACTCTCTTCG
 CCTCCGCTGTTTCCACAGCCTCCCAAACGAACTGGATCTTGGGACACCTAGGCTGATCCAGAGCTCA
 GAGGAAGGACTCCTGTACATCCAGAGCCTGGTGCGAACCTTCAGGGATGCATGCTGCTGGTGGTGGGGC
 CGTTGCACCCAGTCATCCGATATTCACCTGCTTTTCATCAAGCCTGTGGTCTTGGCTCCAGCTTTAGT
 TGCCCCCAAGGACACAGTCTTCTACCGTTTCTGAAGCCGTGGCTAGGGGATGGCCTCTTGATGAGTACT
 GGTGACAAGTGGAGCCGCCACCGTCGATGCTGACACCTGCCTTCCATTCAACATCCTGAAGCCCTATG
 TGAAGGTTTTAATGACAGCACCACATCATGCACGCCAAGTGGCAGCGCTGGCTCCAAGGGCAGTGC
 CTATTTGAACATGTTTGAACATCAGCCTCATGACCTGGACAGTCTGCAGAAGTGTGTTTTCAGCTTT
 GACAGCAATTGCCAGGAGAAGCCTAGTGAATACATCACTGCCATCTAGAACTTAGTGCCTTAGTGGCCA
 GAAGGCACAGAGGCTGCTTCTGCACGTGGACCTGTTTATTACCTCACCCATGATGGGATGCGCTTCCG
 GAAGGCTGCCGTCTAGTGCATGACTTCACTGATGCTGTATCCGGGAGCGGCCGCCACCTCCTTGAT
 CAGGGTGGTGTATGATGTCTCAAGGCCAAGGCCAAGGCCAAGACTTGGACTTCATTGACGTGCTGCTGC
 TGAGCAAGGATGAACATGGAAAGGCTCTGTCTGATGAGGACATCCGAGCGGAGGCTGACACCTTCATGTT
 TGGAGGCCATGACACCACAGCCAGTGGACTTCTGGATCCTGTACAACCTGGCAAGACACCCAGAATAC
 CAGGAGCGCTGCCGGCAGGAGTGCAGGAGCTCCTGAGGGACCGCAGCCTGAGGAGATTGAATGGGACG
 ACCTGGCCAGCTGCCATTCTCACCATGTGCATTAAGGAGAGCCTACGGCTGCATCCTCCGCTCACTGC
 AATCTCCCGATGCTGCACTCAGGACATTGTGCTCCAGATGGTCCGGTCAATCCCTAAAGGTGCATAAGC
 CGAATAAGTATTTTCGGGACACATCACAATCCAGCTGTGTGGCCAGACCCGGAGGTCTATGACCCCTTC
 GCTTTGATGCCGACAACGTCAAGGGCAGGTACCCCTGGCTTTTATCCCTTCTCGGCTGGGCCAGGAA
 CTGCATAGGACAGACTTTCGCCATGAGCGAGATGAAAGTAGCTCTGGCGCTGACTCTGCTGCGCTTCCGC
 GTTCTGCCGGATGACAAGGAGCCCCGAGGAGCTGATCCTGCCGCGAGAAGCGGGCTGTGGC
 TGAAAGTGGAGCCGCTCAGCGCAGGCGCGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR208398 protein sequence
 Red=Cloning site Green=Tags(s)

MSQLSLSWMLGHTAASPWLLLLLAGASCLLAYILTQIYGVFENSLRLRCFPQPPKRNWILGHLGLIQSS
 EEGLLYIQSLVTRFDACCWWVGPLHPVIRIFHPAFIKPVVLAPALVAPKDTVYRFLKPWLGDGLLMST
 GDKWSRHRMLTPAFHFNILKPYVKVFNDSTNIMHAKWQRLASKGSAYLNMFEHISLMTLDSLQKCVFSF
 DSNCQEKPSEYITALELSALVARRHQRLLLHVDLFYYLTHDGMFRKACRLVHDFDAVIRERRRLLD
 QGGDDVLKAKAKATLDFIDVLLLSKDEHGKALSDIEDIRAEADTFMFGGHDTTASGLSWILYNLARHPEY
 QERCRCQEVRELLRDPEEEIEWDDLAQLPFLTMCIKESLRLHPPVTAISRCTQDIVLPDGRVIPKGVIS
 RISIFGTHHNPVWPDPVEYDPFRFDADNVKGRSPLAIPFSAGPRNCIGQTFAMSEMKVALALTLLRFR
 VLPDDKEPRRKPELILRAEGLWLKVEPLSAGAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_024444
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_024444.1 , NP_077764.1
RefSeq Size:	1702 bp
RefSeq ORF:	1575 bp
Locus ID:	72054
UniProt ID:	Q99NI6
Cytogenetics:	8 B3.3
MW:	59.8 kDa