

Product datasheet for **RC216427A1V**

Human CYP4F2 (NM_001082) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	CYP4F2
Synonyms:	CPF2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC216427 representing NM_001082
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCAGCTGAGCCTGTCTGGCTGGGCTCTGGCCAGTGGCAGCATCCCCTGGCTGCTCCTCTGC
 TGGTCGGGGCTCCTGGCTCCTGGCCCATGTCTGGCCTGGACCTACGCCTTCTATGACAACTGCCGCCG
 CCTTCGGTGTTCACACAACCCCCAAGACGGAAGTGGTTTGGGGACACAGGGCATGGTCAACCCACA
 GAGGAGGGCATGAGAGTTCTGACTCAGCTGGTGCCACCTACCCCCAGGGCTTAAGGTCTGGATGGGAC
 CCATCTCCCCCTCCTCAGTTTGTGCCACCCGACATCATCCGGTCTGTATCAACGCCTCAGCTGCCAT
 TGCACCAAGGACAAGTTCTTCTACAGCTTCTGGAGCCCTGGCTGGGGATGGGCTCCTGCTGAGTGCT
 GGTGACAAGTGGAGCCGCCACCGTCGGATGCTGACGCCTGCCTTCCATTCAACATCCTGAAGCCCTATA
 TGAAGATTTCAATGAGAGTGTGAACATCATGCACGCCAAGTGGCAGCTCCTGGCCTCAGAGGGTAGTGC
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 AAAGACACCATGAGATCCTCCTGCATATTGACTTCTGTATTATCTCACCCCTGATGGGCAGCGTTCCG
 CAGGGCTGCCGCTGGTGACGACTTACAGATGCCGTATCCAGGAGCGGCCGCACTCTCCCTAGC
 CAGGGTGTGATGACTTCTCCAAGCCAAGGCCAAATCCAAGACTTGGACTTCATTGATGTAAGTCTCTGC
 TGAGCAAGGATGAAGACGGGAAGAAGTTATCTGATGAGGACATAAGAGCAGAAGCTGACACCTTTATGTT
 TGAGGGCCATGACACCGGCCAGTGGTCTCTCCTGGTCTGTACACCTTGCAAAGCACCCAGAATAC
 CAGGAGCGCTGCCGCGAGGAGTGAAGAAGTCTGAAGGACCGTGGCCTAAAGAGATTGAATGGGACG
 ACCTGGCCCATTTGCCCTTCTGACCATGTGCATGAAGGAGAGCCTGGCGCTGCATCCCCAGTCCCGGT
 CATCTCCCGCATGTACCCAGGACATTGTGCTCCAGACGGCCGGGTATCCCAAAGGCATTATCTGC
 CTCATCAGTGTTCGGAACCCATCACAACCCAGCTGTGTGGCCGACCTGAGGTCTACGACCCCTTC
 GCTTTGACCAGAGAACATCAAGGAGAGGTACCTCTGGCTTTTATCCCTTCTCGGCAGGGCCAGGAA
 CTGCATCGGCAGACGTTCCGATGGCGGAGATGAAGTGGTCTGGCGCTCAGCTGCTGCGCTTCCGC
 GTCCTGCCTGACCACACCGAGCCCGCAGGAAGCCGAGCTGGTCTGCGCGCAGAGGCGGACTTTGGC
 TCGGGTGGAGCCCTGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC216427 representing NM_001082
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MSQLSLSWLGLWPVAASPWLLLLLVGASWLLAHVLAWTYAFYDNCRRRCFPQPPRRNFWGHQGMVNPT
 EEGMRVLTQLVATYPQGFKVWMGPIISPLLSLCHPDIIIRSVINASAAIAPKDKFFYSFLEPWLDGLLLSA
 GDKWSRHRMLTPAFHFNLKPYMKIFNESVNIMHAKWQLLASEGSACLDMEFIHSLMTLDSLQKCVFSF
 DSHCQEKPSYIAAILELSALVSKRHHEILLHIDFLYYLTPDGQRFRRACRLVHDFDAVIQERRRTLPS
 QGVDDFLQAKAKSKTLDIDVLLLSKDEDGKKLSDEDIRAEADTFMEGHDTTASGLSWVLYHLAKHPEY
 QERCRCQEVQELLKDREPKEIEWDDLHLPLFTMCMKESRLHPPVPVISRHVTQDIVLPDGRVIPKGIIC
 LISVFGTHHNPVWPDPVEYDPFRFDPENIKERSPLAFIPFSAGPRNCIGQTFAMAEMKVVLALTLLRFR
 VLPDHTEPRRKPELVLAEGGLWLRVEPLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001082
ORF Size: 1560 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_001082.3
RefSeq Size:	2360 bp
RefSeq ORF:	1563 bp
Locus ID:	8529
UniProt ID:	P78329
Cytogenetics:	19p13.12
MW:	59.7 kDa