

Product datasheet for **RC210185A1V**

Human CYP4F22 (NM_173483) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYP4F22 (NM_173483) AAV Particle
Tag:	Myc-DDK
Symbol:	CYP4F22
Synonyms:	ARCI5; INLNE; LI3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210185 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCCCCATCACAGACCGCCTGCTGCACCTCCTGGGGCTGGAGAAGACGGCGTTCCGCATATACGCGG
 TGTCCACCCCTTCTCCTCTTCTGCTCTTCTTCCGTTCGCGCTGCTGCTGCGGTTCTGAGGCTCTGCAG
 GAGCTTCTACATCACCTGCCGCGGCTGCGCTGCTTCCCCAGCCTCCCCGCGCAACTGGCTGCTGGGC
 CACCTGGGCATGTACCTTCCAAATGAGGCGGGCCTTCAAGATGAGAAGAAGGACTGGACAACATGCACC
 ATGTACTCTTGGTATGGATGGGACCTGTCTGCCGCTGTTGGTTCTGGTGCACCCTGATTACATCAAACC
 CCTTTTGGGAGCCTCAGCTGCCATCGCCCCAAGGATGACCTCTTCTATGGCTTCTAAAACCTTGGCTA
 GGGGATGGGCTGCTGCTCAGCAAAGGTGACAAGTGGAGCCGGCACCCTGCGCTGCTGACACCCGCTTCC
 ACTTTGACATCCTGAAGCCTTACATGAAGATCTTCAACCAGAGCGCTGACATTATGCATGCTAAATGGCG
 GCATCTGGCAGAGGGCTCAGCGGTCTCCCTTGATATGTTTGAAGATATCAGCCTCATGACCTGGACAGT
 CTTCAGAAATGTGTCTTCACTACAACAGCAACTGCCAAGAGAAGATGAGTGATTATATCTCCGCTATCA
 TTGAACTGAGCGCTCTGTCTGTCCGGCGCCAGTATCGCTTGACCACTACCTCGACTTCAATTTACTACCG
 CTCGGCGGATGGGCGGAGGTTCCGGCAGGCCTGTGACATGGTGCACCACTTACCACTGAAGTCATCCAG
 GAACGGCGGCGGCACTGCGTCAGCAGGGGGCCGAGGCCTGGCTTAAGGCCAAGCAGGGGAAGACCTTGG
 ACTTTATTGATGTGCTGCTCCTGGCCAGGGATGAAGATGGAAAGGAAGTGTGACACGAGGATATCCGAGC
 CGAAGCAGACACCTTCATGTTTGAAGGTGACGACACAACATCCAGTGGGATCTCTTGGATGCTGTTCAAT
 TTGGCAAAGTATCCGGAATACCAGGAGAAATGCCGAGAAGAGATTGAGGAAGTCATGAAAGCCGGGAGC
 TGGAGGAGCTGGAGTGGGACGATCTGACTCAGCTGCCCTTTACAACATATGTGCATTAAGGAGAGCCTGCG
 CCAGTACCCACCTGTCACTCTTGTCTCTCGCCAATGCACGGAGGACATCAAGCTCCAGATGGGCGCATC
 ATCCCCAAAGGAATCATCTGCTTGGTCAAGCATCTATGGAACCCACCACAACCCACAGTGTGGCCTGACT
 CCAAGGTGTACAACCCCTACCGCTTTGACCCGGACAACCCACAGCAGCGCTCTCCACTGGCCTATGTGCC
 CTTCTCTGAGGACCCAGGAATTGCATCGGACAGAGCTTCGCCATGGCCGAGTTGCGCGTGGTTGTGGCA
 CTAACACTGCTACGTTTCCGCTGAGCGTGGACCGAACGCGCAAGGTGCGGCGGAAGCCGGAGCTCATAC
 TGGCAGCGGAGAACGGGCTCTGGCTCAAGGTGGAGCGCTGCCTCCGCGGGCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210185 protein sequence
 Red=Cloning site Green=Tags(s)

MLPITDRLLHLLGLEKTAARIYAVSTLLLFLFFLFRLLLRFLRLCRSFYITCRRRLRCFPQPPRRNWLLG
 HLGMYLPNEAGLQDEKKVLDNMHHVLLVWMPVLPPLLVLVHPDYIKPLLGASAAIAPKDDLFGYFLKPWL
 GDGLLLSKGDKWSRHRLLTPAFHFDILKPYMKIFNQSADIMHAKWRHLAEGSAVSLDMFEHISLMTLDS
 LQKCVFSYNSNCQEKMSDYISAIIELSALSVRRQYRLHHYLDFIYYRSADGRRFRQACDMVHHFTTEVIQ
 ERRRALRQQGAEAWLKAKQGTLDIDVLLARDEDGKELSDIEDIRAEADTFMFEGHDTTSSGISWMLFN
 LAKYPEYQEKREEIQEVMKGRELEEWDDLTLPLFTTMCIKESLRQYPPVTLVSRQCTEDIKLPDGRI
 IPKGIICLVSIYGHNTVWPDSKVYNPYRFDPNPQQRSPALYVPFSAGPRNCIGQSFAMAELRVVVA
 LTLLRFRLSVDTRKVRKPELILRTENGLWLKVEPLPPRA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_173483

ORF Size:

1593 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_173483.1</u>
RefSeq Size:	2620 bp
RefSeq ORF:	1596 bp
Locus ID:	126410
UniProt ID:	<u>Q6NT55</u>
Cytogenetics:	19p13.12
MW:	62 kDa