

## Product datasheet for **RC200388A1V**

### Human Fumarylacetoacetate hydrolase (FAH) (NM\_000137) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Fumarylacetoacetate hydrolase (FAH) (NM_000137) AAV Particle
Tag:	Myc-DDK
Symbol:	Fumarylacetoacetate hydrolase
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200388 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCCTTCATCCCGGTGGCCGAGGATTCCGACTTCCCCATCCACAACCTGCCCTACGGCGTCTTCTCGA  
CCAGAGGGCAGCCAAAGACCGAGGATAGGTGTGGCCATTGGCGACCAGATCCTGGACCTCAGCATCATCAA  
GCACCTCTTTACTGGTCTGTCTCTCCAAACACCAGGATGTCTCAATCAGCCTACACTCAACAGCTTC  
ATGGCCCTGGGTGAGGCTGCCTGGAAGGAGCGAGAGTGTCTTGCAGAAGTGTGTCTGTGAGCCAAG  
CCAGGCTCAGAGATGACACCGAACTTCGGAAGTGTGCATTTCATCTCCAGGCTTCTGCCACGATGCACCT  
TCCAGCCACCATAGGAGACTACACAGACTTCTATTCTCTCGGCAGCATGTACCAACGTCGGAATCATG  
TTCAGGGACAAGGAGAATGCGTTGATGCCAAATTGGCTGCACTTACCAGTGGGCTACCATGGCCGTGCCT  
CCTCTGTGCTGGTGTCTGGCACCCCAATCCGAAGGCCCATGGGACAGATGAAACCTGATGACTCTAAGCC  
TCCCGTATATGGTGCCTGCAAGCTCTTGGACATGGAGCTGGAAATGGCTTTTTTTGTAGGCCCTGGAAAC  
AGATTGGGAGAGCCGATCCCCATTTCCAAGGCCATGAGCACATTTTGGAAATGGTCTTATGAACGACT  
GGAGTGCACGAGACATTCAGAAGTGGGAGTATGTCCCTCTCGGGCCATTCCTTGGGAAGAGTTTTGGGAC  
CACTGTCTCTCCGTGGTGGTGGCCATGGATGCTCTCATGCCCTTGTGTGCCCAACCCGAAGCAGGAC  
CCAGGCCCTGCCGTATCTGTGCCATGACGAGCCCTACACATTTGACATCAACCTCTCTGTTAACCTGA  
AAGGAGAAGGAATGAGCCAGGCGCTACCATATGCAAGTCCAATTTAAGTACATGTAAGTGGACGATGCT  
GCAGCAGCTCACTCACCCTCTGTCAACGGCTGCAACCTGCGGCCGGGGACCTCCTGGCTTCTGGGACC  
ATCAGCGGGCCGGAGCCAGAAAACCTTCGGCTCCATGTTGGAAGTGTGCTGGAAGGGAACGAAGCCATAG  
ACCTGGGGAATGGTCAGACCAGGAAGTTTCTGCTGGACGGGATGAAGTCATCATAACAGGGTACTGCCA  
GGGGATGTTACCGCATCGGCTTGGCCAGTGTGCTGAAAAGTGTGCTGCTCTCTCGCCATCA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC200388 protein sequence Red=Cloning site Green=Tags(s)  MSFIPVAEDSDFPIHNLPGYVFSTRGDPRPRIGVAIGDQILDLSIIKHLFTGPVLSKHQDVFNQPTLNSF MGLGQAAWKEARVFLQNLLSVSQARLRDDTELKCAFISQASATMHLPATIGDYTDFYSSRQHATNVGIM FRDKENALMPNWLHLPVGYHGRASSVVVSGTPIRRPMGQMKPDDSKPPVYGACKLLDMELEMAFFVGPNG RLGEPPIPKAHEHIFGMVLMNDWSARDIQKWEYVPLGPFLGKSFGTTVSPWVVPMDALMPFAVNPQD PRPLPYLCHDEPYTFDINLSVNLKGEQMSQAATICKSNFKYMYWTMLQQLTHHSVNGCNLRPGDLLASGT ISGPEPENFGSMLELSWKGTKPIDLGNQTRKFLLDGDEVIIITGYCQGDGYRIGFGQCAGKVL PALLPS  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_000137
<b>ORF Size:</b>	1257 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_000137.1</a>
<b>RefSeq Size:</b>	1810 bp
<b>RefSeq ORF:</b>	1260 bp
<b>Locus ID:</b>	2184
<b>UniProt ID:</b>	<a href="#">P16930</a>
<b>Cytogenetics:</b>	15q25.1
<b>MW:</b>	46.4 kDa