

Product datasheet for **RC210331A1V**

Human FAAH1 (FAAH) (NM_001441) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FAAH1 (FAAH) (NM_001441) AAV Particle
Tag:	Myc-DDK
Symbol:	FAAH
Synonyms:	FAAH-1; PSAB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210331 representing NM_001441
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGTGCAGTACGAGCTGTGGGCGCGCTGCCTGGCGCCTCCGGGGTCGCCCTGGCCTGTGCTTCGTGG
 CGGCGGCCGTGGCCCTGCGCTGGTCCGGGCGCCGGACGGCGCGGGGCGCGGTGGTCCGGGCGCGACAGAG
 GCAGCGAGCGGGCCTGGAGAACATGGACAGGGCGCGCAGCGCTTCCGGCTCCAGAACCAGACCTGGAC
 TCAGAGGCGCTGCTAGCCCTGCCCTGCCTCAGCTGGTGCAGAAGTTACACAGTAGAGAGCTGGCCCTG
 AGGCCGTGCTCTTACCTATGTGGGAAAGGCCTGGGAAGTGAACAAAGGACCAACTGTGTGACCTCCTA
 TCTGGTGAAGTGTGAGACTCAGCTGTCTCAGGCCCCAAGGCAGGGCCTGCTCTATGGCGTCCCTGTGAGC
 CTCAAGGAGTGTTCACCTACAAGGGCCAGGACTCCACGCTGGGCTTGAAGCTGAATGAAGGGTGCCGG
 CGGAGTGCAGACGCTAGTGGTGCATGTGCTGAAGCTGCAGGGTGCCGTGCCCTTCGTGCACACCAATGT
 TCCACAGTCCATGTTAGCTATGACTGCAGTAACCCCCCTTTGGCCAGACCGTGAACCCATGGAAGTCC
 TCCAAAAGCCAGGGGGCTCCTCAGGGGGTGAAGGGGCCCTCATCGGGTCTGGAGGCTCCCCCTGGGCT
 TAGGCACTGATATCGGAGGCAGCATCCGCTTCCCTCCTCCTTCTGCGGCATCTGCGGCCTCAAGCCAC
 AGGGAACCGCCTCAGCAAGAGTGGCCTGAAGGGCTGTGTCTATGGACAGGAGGCACTGCGTCTCTCCGTG
 GGCCCCATGGCCCGGGACGTGGAGAGCCTGGCACTGTGCTGCGAGCCCTGCTGTGCGAGGACATGTTCC
 GCTTGGACCCACTGTGCTCCCTTGCCTTACAGAGAAGGTCTACACCAGCTCTCAGCCCTGCGTGT
 GGGGTACTATGAGACTGACAACTATACCATGCCCTCCCGGCCATGAGGCGGGCCGTGCTGGAGACCAAA
 CAGAGCCTTGAGGCTGCGGGGCACACGCTGGTTCCTTCTTCCAAGCAACATACCCCATGCTCTGGAGA
 CCCTGTCAACAGGTGGGCTCTTCAAGTATGGTGGCCACACCTTCTACAGAACTCAAAGGTGATTCGT
 GGACCCCTGCTGGGGGACCTGGTCTCAATTCTGAAGCTTCCCAATGGCTTAAAGGACTGCTGGCCTTC
 CTGGTGAAGCCTCTGCTGCCAAGGCTGTGAGCTTCTCAGCAACATGAAGTCTCGTTCGGCTGGAAGAC
 TCTGGGAAGTGCAGCAGAGATCGAGGTGTACCGCAAAACCGTATTGCCAGTGGAGGGCGCTGGACCT
 GGATGTGGTGTGACCCCATGCTGGCCCTGCTCTGGACTTGAATGCCCAAGGAGGGCCACAGGGGCC
 GTCAGTACACTATGCTGTACAACTGCCTGGACTTCCCTGCAGGGGTGGTGCCTGTACCACGGTGAAGT
 CTGAGGACGAGGGCCAGATGGAACATTACAGGGGCTACTTTGGGGATATCTGGGACAAGATGCTGCAGAA
 GGGCATGAAGAAGAGTGTGGGGCTGCCGTGGCCGTGCAGTGTGTGGCTCTGCCCTGGCAAGAAGAGTTG
 TGTCTGCGGTTATGCGGGAGGTGGAGCGACTGATGACCCTGAAAAGCAGTCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MVQYELWAALPGASGVALACCFVAAAVLRWSGRRTARGAVVRARQRQRAGLENMDRAAQRFLQNPDL
 SEALLALPLPQLVQKLHSRELAPEAVLFTYVGKAWEVNKGNTNCVTSYLADECETQLSQAPRQGLLYGVPVS
 LKECFYKQDSTLGLSLNEGVPACEDSVVVHVLKLQGAVPFVHTNVPQSMFSYDCSNPLFGQTVNPWKS
 SKSPGSSSGEGALIGSGGSPLGLGTDIGGSIRFPSSFICGLKPTGNRLSKSGLKGCVYQAEVRLSV
 GPMARDVESLALCLRALCEDMFRLDPTVPPLPFREEVYTSSQPLRVGYETDNYTMPSPAMRRVLETK
 QSLEAAGHTLVPLPSNIPHALETLSGGFLSDGGHTFLQNFKGDFVDPCLGDLVSILKLPQWLKGLLAF
 LVKPLLRLSAFLSNMKSRSAGKLWELQHEIEVYRKTVIAQWRALDLVVLTPMLAPALDLNAPGRATGA
 VSYTMLYNCLDFPAGVVPVTTTAEDEAQMEHYRGYFGDIWDKMLQKGMKKSGLPVAVQCVALPWQEE
 CLRFMREVERLMTPEKQSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001441
ORF Size:	1737 bp
Buffer:	PBS with 0.001% Pluronic F6574
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_001441.1</u>
RefSeq Size:	2063 bp
RefSeq ORF:	1740 bp
Locus ID:	2166
UniProt ID:	<u>O00519</u>
Cytogenetics:	1p33
MW:	62.9 kDa