

Product datasheet for **RC202489A1V**

Human EPHX2 (NM_001979) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EPHX2 (NM_001979) AAV Particle
Tag:	Myc-DDK
Symbol:	EPHX2
Synonyms:	ABHD20; CEH; SEH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202489 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGACGCTGCGCGCGCCGCTCTTCGACCTTGACGGGTGCTGGCGCTGCCAGCGGTGTTTCGGCGTCTCG
 GCCGCACGGAGGAGGCCCTGGCGCTGCCAGAGGACTTCTGAATGATGCTTCCAGAAAGGGGACCAGA
 GGGTGCCACTACCCGGCTTATGAAAGGAGAGATCACACTTCCAGTGGATACCACTCATGGAAGAAAAC
 TGCAGGAAGTGTCCGAGACCGCTAAAGTCTGCCTCCCAAGAATTTCTCCATAAAAGAAATCTTTGACA
 AGGCGATTTACGACAGAAAGTCAACCGCCCCATGCTCCAGGCAGCTCTCATGCTCAGGAAGAAAGGATT
 CACTACTGCCATCCTACCAACACCTGGCTGGACGACCGTGTGAGAGAGATGGCTGGCCAGCTGATG
 TGTGAGCTGAAGATGCACTTTGACTTCCTGATAGAGTCGTGTGAGGTGGGAATGGTCAAACCTGAACCTC
 AGATCTACAAGTTTCTGCTGGACACCTGAAGGCCAGCCCAAGTGAAGTCGTTTTTTGGATGACATCGG
 GGCTAATCTGAAGCCAGCCCGTACTTGGGAATGGTCAACATCCTGGTCCAGGACACTGACACGGCCCTG
 AAAGAAGTGGAGAAAGTACCGGAATCCAGCTTCTCAATACCCCGGCCCTCTGCCGACCTCTTGCAATC
 CAAGTGACATGAGCCATGGGTACGTGACAGTAAAGCCCAGGTCGGTCTGCATTTTGTGGAGCTGGGCTC
 CGGCCCTGCTGTGTGCCTCTGCCATGGATTTCCCGAGAGTTGGTATTCTTGAGGTACCGATCCCTGCT
 CTGGCCAGGCAGGTTACCGGTCTAGCTATGGACATGAAAGGCTATGGAGAGTCATCTGCTCTCCCG
 AAATAGAAGAATATTGCATGGAAGTGTATGTAAGGAGATGGTAACCTTCTGGATAAAGTGGGCTCTC
 TCAAGCAGTGTTTCATTGGCCATGACTGGGTGGCATGCTGGTGTGGTACATGGCTCTCTTCTACCCGAG
 AGAGTGAGGGCGGTGGCCAGTTTGAATACTCCCTTCAACAGCAAATCCCAACATGTCCCTTTGGAGA
 GTATCAAAGCCAACCCAGTATTTGATTACCAGCTCTACTTCCAAGAACCAGGAGTGGCTGAGGCTGAAC
 GGAACAGAACTGAGTCGGACTTTCAAAGCCTCTTCAGAGCAAGCGATGAGAGTGTATCCATGCAT
 AAAGTCTGTGAAGCGGGAGGACTTTTTGTAAATAGCCCAGAAGAGCCAGCCTCAGCAGGATGGTCACTG
 AGGAGGAAATCCAGTTCTATGTGCAGCAGTTCAAGAAGTCTGGTTTCAGAGGTCTCTAACTGGTACCG
 AAACATGGAAAGGAAGTGAAGTGGGCTTGCAAAGCTTGGGACGGAAGATCCTGATTCCGGCCCTGATG
 GTCACGGCGGAGAAGGACTTCGTGCTCGTTCTCAGATGTCCAGCACATGGAGGACTGGATTCCCCACC
 TGAAAAGGGGACACATTGAGGACTGTGGGCACTGGACACAGATGGACAAGCCAACCGAGGTGAATCAGAT
 CCTCATTAAGTGGCTGGATTCTGATGCCCGGAACCCACCGGTGGTCTCAAAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202489 protein sequence
 Red=Cloning site Green=Tags(s)

MTLRAAVFDLDGVLALPAVFGVLGRTEEALALPRGLLNDAFQKGGPEGATRLMKGEITLSQWIPLMEEN
 CRKCSETAKVCLPKNFSIKEIFDKAISARKINRPMQLAALMLRKKGFTTAILTNTWLDRAERDGLAQLM
 CELKMHDFDLIESCQVGMVKPEPQIYKFLLDTLKASPSEVVFLLDIGANLKPARDLGMVTILVQDQDIAL
 KELEKVTGIQLLNTAPLPSCNPSPDMSHGYVTVKPRVRLHFVELGSGPAVCLCHGFPEWSWRYQIPA
 LAQAGYRVLAMDMKGYGESSAPPEIEEYCMVLCHEMVTFLDKLGLSQAVFIGHDWGGMLVWYMAFYPE
 RYRAVASLNTPFIPANPNMSPLESIKANPVFDYQLYFQEPGVAEAELEQNLSTFKSLFRASDESVL SMH
 KVCEAGGLFVNSPEEPSLSRMVTEEEIQFYVQFQKSGFRGPLNWYRNMERNNWACKSLGRKILIPALM
 VTAEKDFVLVPQMSQHMEDWIPHLKRGHIEDCGHWTQMDKPTEVNQILIKWLDSDARNPPVVS KM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001979

ORF Size:	1665 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_001979.4</u>
RefSeq Size:	2290 bp
RefSeq ORF:	1668 bp
Locus ID:	2053
UniProt ID:	<u>P34913</u>
Cytogenetics:	8p21.2-p21.1
MW:	62.6 kDa