

Product datasheet for **RC202486A1V**

Human EHD4 (NM_139265) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EHD4 (NM_139265) AAV Particle
Tag:	Myc-DDK
Symbol:	EHD4
Synonyms:	PAST4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202486 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTT**CAGCTGGATGGGGCGGCAGGCGGGCGGCGCAACCGCTGGCGGCGGGACCGGTGCAGACGG**
 TGACGGGCGGGCTGCGCTCGCTCTACCTGCGCAAGGTGCTGCCCTGGAGGAGGGTACCCTTCCACGA
 GTTCCACTCGCCTGCGCTGGAGGACGCCGACTTCGAGAACAAGCCATGATCCTGCTGGTGGGCCAGTAC
 AGCACCGGCAAGACCACCTTCATCAGATACCTACTGGAGCAGGATTTCCAGGCATGAGGATTGGTCCGG
 AGCCCACCACAGACTCCTTCATCGCCGTGATGTATGGAGAGACTGAGGGCAGCACCCAGGGAATGCTTT
 AGTCGTGGACCCAAAAAGCCGTTTAGAAAGCTCAGTCGCTTTGGAAACGCTTTCCTGAATCGATTATG
 TGCTCACAGCTCCCAATCAGGTCTGAAGAGCATCAGCGTCATCGACAGCCCCGGCATCTTTCTGGGG
 AGAAGCAGCGCATCAGCCGAGGCTATGACTTCTGCCAGGTCTGCAGTGGTTTGGCGAGAGGGTGGACAG
 GATCATCTGCTCTTTGACGCTACAAGCTGGACATCTCAGATGAATTCTCAGAGGCCATCAAGGCCTTC
 CGGGGCCAGGACGACAAGATCCGTGTCGTGCTGAATAAGGCCGACCAAGTGGACACGCAGCAGCTGATGC
 GGGTCTACGGGGCCCTCATGTGGTCCCTAGGCAAGGTCATCAACACGCCCGAGGTA**CTGCGCTCTACAT**
 TGGCTCCTTCTGGGCGCAGCCCCTGCAGAACACGGACAACCGCCGGCTCTTCGAGGCTGAGGCCAGGAC
 CTCTTCAGAGACATCCAGAGCCTCCCCAGAAGGCAGCGGTGCGCAAGCTCAACGACCTCATCAAGCGAG
 CGAGGCTGGCCAAAGGTGCATGCCTACATCATCAGCTACCTGAAGAAGGAGATGCCAAGTGTATTTGGAAA
 GGAAAAACAAGAAGAGAGAGCTTATCAGCAGGCTACCGGAAATCTACATTCAGCTACAGCGAGAATACCAG
 ATTTCTGCAGGGGACTTCCCTGAGGTCAAGGCTATGCAGGAACAGCTTGAAGACTATGACTTACCAAAT
 TCCACTCGCTGAAGCCCAAGCTGATCGAGGCAGTGGACAACATGCTGAGCAACAAGATCTCGCCCTCAT
 GAACCTCATCAGCCAGGAGGAGACGAGCACGCCACGCAGCTGGTGCAGGGCGGGCCTTCGATGGCACC
 ACCGAGGGCCCTTCAACCAGGCTACGGGGAGGGTGCCAAGGAGGGCGCCGACGAGGAGGAGTGGGTGCG
 TGGCCAAAGACAAGCCCGTCTACGACGAGCTCTTCTACACTCTGTGCGCCATCAATGGCAAGATATCAGG
 TGTCAACGCCAAGAAGGAGATGGTGACCTCCAAGCTGCCAACAGCGTCTGGGCAAGATCTGGAAGCTG
 GCCGACTGCGACTGCGACGGCATGCTTGATGAGGAGGAGTTCGCGCTGGCCAAGCACCTCATCAAGATCA
 AGCTCGACGGCTACGAGCTGCCAGCAGCTGCCCCCCACCTCGTCCCCCTCGCACAGGAAGTCCCT
 GCCAAGGCCGAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202486 protein sequence
 Red=Cloning site Green=Tags(s)

MF**SWMGRQAGGRERAGGADAVQTVTGG**LRSLYLRKVLPLEEAYRFHEFHSPALEDADFENKPMILLVGQY
 STGKTTFIRYLL**EQDFPGMRIGPEPTTDS**FIAMVYGETEGSTPGNALVDPKPPFRKLSRFGNAFLNRFM
 CSQLPNQVLK**SISVIDSPGILSGEKQRI**SRGYDFCQVLQWFAERVDRIILLFDAHKLDISDEFSEAIKAF
 RGQDDKIRVVLNKADQVDTQQLMRVYGALMWSL**GKVINTPEVLRVYIGSFWAQPLQNTDNRR**LFEAEAQD
 LFRDIQSLPQKA**AVRKLNDLIKRARLAKV**HAYIISYLK**KEMPSVFGKENK**RELISRLPEIYIQLQREYQ
 ISAGDFPEVKAMQEQL**ENYDFTKFHSLKPK**LIEAVDNMLSNKISPLMNLISQEETSTPTQLVQGGAFDGT
 TEGFPNQYGG**EKAKEGADEE**EWVAKDKPVYDELFTLSPINGKISGVNAK**EMVTSKLPNSVLGKI**WKL
 ADCDCDGM**LDEEFALAKHLIKIKLDGYEL**PSSLP**PHLVPPSHRKS**LPKAD

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_139265

ORF Size:	1623 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_139265.2</u> , <u>NP_644670.1</u>
RefSeq Size:	2904 bp
RefSeq ORF:	1626 bp
Locus ID:	30844
UniProt ID:	<u>Q9H223</u>
Cytogenetics:	15q15.1
MW:	61.2 kDa