

Product datasheet for **RC216796A1V**

Human Aspartate beta hydroxylase (ASPH) (NM_004318) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Aspartate beta hydroxylase (ASPH) (NM_004318) AAV Particle
Tag:	Myc-DDK
Symbol:	ASPH
Synonyms:	AAH; BAH; CASQ2BP1; FDLAB; HAAH; JCTN; junctin
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216796 representing NM_004318
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGCGTAAGAATGCCAAGAGCAGCGGCAACAGCAGCAGCAGCGGCTCCGGCAGCGGTAGCACGA
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 CAGAGTTAGTAAAGTCTTTAGAAAGAACTGGAAGTTAATCCGAGATGAAGGCCTTGCAGTGATGGATAA
 AGCCAAAGGTCTCTTCTGCCTGAGGATGAAAACCTGAGGGAAAAAGGGGACTGGAGCCAGTTACAGCTG
 TGGCAGCAAGGAAGAAGAAATGAAAATGCCTGCAAAGGAGCTCCTAAACCTGTACCTTACTAGAAAAGT
 TCCCCGAGACAACAGGATGCAGAAGAGGACAGATCAAAATATCCATCATGCACCCCGGGACTCACGTGTG
 GCCGCACACAGGGCCCAAACTGCAGGTTCCGAATGCACCTGGGCTTGGTGATTTCCCAAGGAAGGCTGC
 AAGATTCGATGTGCCAACGAGACCAAGACCTGGGAGGAAGGCAAGGTGCTCATCTTTGATGACTCCTTTG
 AGCACGAGGTATGGCAGGATGCCTCATCTTTCCGGCTGATATTCATCGTGGATGTGTGGCATCCGGAAC
 GACACCACAGCAGAGACGCAGCCTTCCAGCAATT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216796 representing NM_004318 Red=Cloning site Green=Tags(s) MAQRKNAKSSGNSSSSSGSGSGSTSAGSSSPGARRETKHGGHKNGRKGGLSGTSFFTFWMVIALLGWVTSV AVVWFDLVYEEVLGKLGIDADGDGDFDVEDDAKVLLGLKERSTSEPAVPPEEAEPHTEPEEQVPVEAEP QNIIDEAKEQIQSLLEHVMHAHVEGEDLQQEDGPTGEPQQEDDEFMATDVDDRFETLEPEVSHEETEH SYHVEETVSQDCNQDMEEMMQENPDSEPVVEDERLHHDTHDDVTYQVYEEQAVYEPLNEGIEITEVT APPEDNPVEDSQVIVEEVSIFPVEEQQEVPPEPNRKTDDPEQKAKVKKKKPKLLNKFDKTIKAELDAAEK LRKRGKIEEAVNAFKELVRKYPQSPRARYGKAQCEDDLAEKRRSNEVLRGAIETYQEASLPDVPADLLK LSLKRRSDRQQFLGHMRGSLTLQRLVQLFPNDTSLKNDLGVGYLLIGDNDNAKKVYEEVLSVTPNDGFA KVHYGFIKKAQNKIAESIPYLKEGIESGDPGTDDGRFYFHLGDAMQVRGNKEAYKWYELGHKRGHFASVW QRSLYNVNGLKAQPPWTPKETGYTELKSLERNWKLIRDEGLAVMDKAKGLFLPEDENLREKGDWSQFTL WQQGRRNENACKGAPKTCTLLEKFPETTGCRGQIKYSIMHPGTHVWPHTGPTNCRFRMHLGLVIPKEGC KIRCANETKTWEEGKVLIFDDSFHEVWQDASSFRLIFIVDVWHPPELTPQRRSLPAITRTRPLEQKLIS EEDLAANDILDYKDDDDKV* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004318
ORF Size:	2274 bp
Buffer:	PBS with 0.001% Pluronic F7594
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:	NM_004318.2
RefSeq Size:	2452 bp
RefSeq ORF:	2277 bp
Locus ID:	444
UniProt ID:	Q12797
Cytogenetics:	8q12.3
MW:	85.7 kDa