

Product datasheet for **RC223930A1V**

Human Aspartate beta hydroxylase (ASPH) (NM_032468) AAV Particle

Product data:

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

ORF Nucleotide Sequence: >RC223930 representing NM_032468
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCTGAAGATAAAGAGACAAAGCATGGAGGACACAAGAATGGGAGGAAAGGCGGACTCTCAGGAACCT
CATTCTTCACGTGGTTTATGGTGATTGCATTGCTGGGCGTCTGGACATCTGTAGCTGTCGTTTGGTTTGA
TCTTGTGACTATGAGGAAGTTCTAGCCAAAGCAAAGGACTTCCGTTATAACTTATCAGAGGTGCTTCAA
GGAAAAGTCTAGGAATCTATGATGCTGATGGTGATGGAGATTTTGTATGGATGATGCCAAAGTTTATTAG
GACTTAAAGAGAGATCTACTTCAGAGCCAGCAGTCCCGCCAGAAGAGGCTGAGCCACACACTGAGCCCGA
GGAGCAGGTTCTGTGGAGGCAGAACCCAGAATATCGAAGATGAAGCAAAGAACAATTCAGTCCCTT
CTCCATGAAATGGTACACGCAGAACATGTTGAGGGAGAAGACTTGCAACAAGAAGATGGACCCACAGGAG
AACCACAACAAGAGGATGATGAGTTTCTTATGGCGACTGATGTAGATGATAGATTTGAGACCTGGAACC
TGAAGTATCTCATGAAGAAACCGAGCATAGTTACCACGTGGAAGAGACAGTTTCACAAGACTGTAATCAG
GATATGGAAGAGATGATGTCTGAGCAGGAAATCCAGATTCAGTGAACCAAGTAGTAGAAGATGAAGAT
TGCACCATGATACAGATGATGTAACATACCAAGTCTATGAGGAACAAGCAGTATATGAACCTCTAGAAAA
TGAAGGGATAGAAATCACAGAAGTAACTGCTCCCCCTGAGGATAATCCTGTAGAAGATTACAGGTAATT
GTAGAAGAAGTAAGCATTTTCTGTGGAAGAACAGCAGGAAGTACCACCAGATACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223930 representing NM_032468 Red=Cloning site Green=Tags(s) MAEDKETKHGGHKNGRKGGLSGTSFFTFWMVIALLGWTSVAVVWFDLVDYEEVLAKAKDFRYNLSEVLQ GKLGIDADGDGDFDVKVLLGLKERSTSEPAVPPEEAEPHTEPEEQVPVEAEPQNIIDEAKEIQSL LHEMVHAEHVEGEDLQQEDGPTGEPQQEDDEFLMATDVDDRFETLEPEVSHEETEHSYHVEETVSQDCNQ DMEEMMSEQENPDSSEPVEDERLHHDTDVTYQVYEEQAVYEPLENEGIEITEVTAPPEDNPVEDSQVI VEEVSIFFVVEEQEVPPDT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032468
ORF Size:	897 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_032468.2</u>
RefSeq Size:	2773 bp
RefSeq ORF:	900 bp
Locus ID:	444
UniProt ID:	<u>Q12797</u>
Cytogenetics:	8q12.3
MW:	33.6 kDa