

## Product datasheet for **RC228230A1V**

### Human Aspartate beta hydroxylase (ASPH) (NM\_001164754) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Aspartate beta hydroxylase (ASPH) (NM_001164754) AAV Particle
Tag:	Myc-DDK
Symbol:	Aspartate beta hydroxylase
Synonyms:	AAH; BAH; CASQ2BP1; FDLAB; HAAH; JCTN; junctin
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC228230 representing NM_001164754 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCCCCAGCGTAAGAATGCCAAGAGCAGCGGCAACAGCAGCAGCAGCGGCTCCGGCAGCGGTAGCACGA  
GTGCGGGCAGCAGCAGCCCCGGGGCCCGGAGAGAGACAAAGCATGGAGGACACAAGAATGGGAGGAAAGG  
CGGACTCTCAGGAACCTCATTCTCACGTGTTTATGGTGATTGCATTGCTGGGCGTCTGGACATCTGTA  
GCTGTCGTTTGGTTTGATCTTGTGACTATGAGGAAGTTCTAGGAAAACCTAGGAATCTATGATGCTGAT  
GTGATGGAGATTTTGTGATGGATGATGCCAAAGTTTTATTAGGACTTAAAGAGAGATCTACTTCAGAGCC  
AGCAGTCCCAGCAGAAGAGGCTGAGCCACACACTGAGCCCGAGGAGCAGGTTCCGTGGAGGCAGAACCC  
CAGAATATCGAAGATGAAGCAAAAGAACAATTCAGTCCCTTCTCCATGAAATGGTACACGCAGAACATG  
TTGAGGGAGAAGACTTGCAACAAGAAGATGGACCCACAGGAGAACCACAACAAGAGGATGATGAGTTTCT  
TATGGCGACTGATGTAGATGATAGATTTGAGACCCTGGAACCTGAAGTATCTCATGAAGAAACCGAGCAT  
AGTTACCACGTGGAAGAGACAGATTCAGTGAACCAAGTAGAAGATGAAAGATTGCACCATGATACAG  
ATGATGTAACATACCAAGTCTATGAGGAACAAGCAGTATATGAACCTCTAGAAAATGAAGGGATAGAAAT  
CACAGAAGTAACTGCTCCCCCTGAGGATAATCCTGTAGAAGATTCACAGGTAATTGTAGAAGAAGTAAGC  
ATTTTTCTGTGGAAGAACAGCAGGAAGTACCACCAGATACT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC228230 representing NM_001164754 Red=Cloning site Green=Tags(s)  MAQRKNAKSSGNSSSSGSGSGSTSAGSSSPGARRETKHGGHKNGRKGGLSGTSFFTFWMVIALLGWVTSV AVVWFDLVYEEVLGKLGITYDADGGDFDVEDDAKVLGLKERSTSEPAVPPEEAEPHTEPEEQVPVEAEP QNIEDAQEQIQSLLEHMHAEHVEGEDLQQEDGPTGEPQQEDEFMLATDVDDRFETLEPEVSHEETEH SYHVEETDSSEPVEDERLHHDTDVITYQVYEEQAVYEPLENEGIEITEVTAPPEDNPVEDSQVIVEEVS IFPVEEQQEVPDPT  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001164754
<b>ORF Size:</b>	882 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_001164754.1</u> , <u>NP_001158226.1</u>
<b>RefSeq ORF:</b>	885 bp
<b>Locus ID:</b>	444
<b>Cytogenetics:</b>	8q12.3
<b>MW:</b>	32.2 kDa