

Product datasheet for **RC221628A1V**

Human **BACH1** (NM_206866) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BACH1 (NM_206866) AAV Particle
Tag:	Myc-DDK
Symbol:	BACH1
Synonyms:	BACH-1; BTBD24
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC221628 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCTGAGTGAGAACTCGGTTTTTGCCTATGAATCTTCTGTGCATAGCACCAATGTTTTACTCAGCC
 TTAATGACCAGCGGAAGAAAGATGTGCTGTGCGATGTCACCATCTTTGTGGAGGGACAGCGGTTCCGCGC
 TCACCGGTCCGTGCTGGCGGCATGCAGCAGTTACTTCCACTCAAGAATCGTAGGCCAGGCTGATGGAGAG
 CTGAACATTACTCTTCCAGAAGAGGTGACAGTTAAAGGATTTGAACCTTTAATTCAGTTTGCCTACACTG
 CTAAGTGAATTTAAGTAAAGAGAATGTGGATGAAGTGTGCAAAATGTGTGGAGTTTTAAGTGTACATAA
 TATTGAGGAATCCTGCTTTCAGTTTCTGAAATTTAAGTTTTTGGACTCCACTGCAGACCAGCAAGAATGC
 CCAAGAAAAAATGCTTTTCATCACACTGTCAGAAAACAGACCTTAACTTTCACTTTTGGACCAGAGGG
 ATCTAGAACTGATGAAGTGGAGGAATTTCTGGAATAAAAAATGTTCACTCCTCAGTGTAACTCCG
 CAGGTATCAAGGAAATGCAAAAGCCTCACCTCCTCTACAAGACAGTGCCAGTCAGACATATGAGTCCATG
 TGCTTAGAGAAGGATGCTGCTCTGGCCTTGCCCTCTTTATGCCCAAATACAGAAAAATCCAAAAAGCAT
 TTGGAAGTACAGAGTCCGTACTGGGAATCTAGTGTCAAGACATTCATGCTTCTGTTAGCCAAATGA
 AAGGTCTGAAATGAATGCCTGGGAGGAGTCCCGAGTGTAGAGATTTGCAGGTGATGTTAAATGTGAC
 GAAAGTAAATTAGCAATGGAACCTGAAGAAACGAAGAAAGATCCTGCTTCTCAGTGCCCAACTGAAAAAT
 CAGAAGTGACTCCTTTCCCCACAATTTCTCCATAGACCCTCATGGACTTTATTCTTTGTCTCTTTTACA
 CACATATGACCAATATGGTGACTTGAATTTTGTGGTATGCAAAACACAACAGTGTTAACAGAAAAGCCT
 TTGTCAAGTACAGACGTCCAAGAAAAACATTTGGTGAAGTCAGGATTTACCTTTGAAATCCGACTTGG
 GCACCAGGGAAGATAGTAGTGTGCATCTAGTGATAGGAGTAGTGAGGAGGAGAGTGGCAGAACACCT
 AGCAAAAGGCTTCTGGAGTGACATTTGCAGCACGGACACTCCTTGCCAAATGCAGTTATCACCTGCTGTG
 GCCAAAGATGGCTCAGAACAGATCTCACAGAAACGGTCTGAGTGTCCGTGGTTAGGTATCAGGATTAGTG
 AGAGCCCAGAACCAGGTCAAAGGACTTTCAACATTAAGTTCTGTCAACTGCCCTTTTATAAGTACTCT
 GAGTACTGAAGGCTGTTCAAGCAATTTGGAAATGGAAACGATGATTATGTTTCAGAACCCAGCAAGAA
 CCTTGCCCATATGCTTGTGTCATTAGCTTGGGAGACGACTCTGAGACGGACACCGAAGGAGACAGTGAAT
 CCTGTTCAAGCAGAGACAAGAATGTGAGGTAAACTGCCATTCAATGCACAACGGATAATTTCACTGTC
 TCGAAATGATTTTCAGTCTTGTGAAATGCACAAGCTTACTCCAGAACAGCTGGATTGTATCCATGAT
 ATTCGAAGAAGAAGTAAAAACAGAATTGCTGCACAGCGCTGTGCAAGAGAAAACTTGACTGTATACAGA
 ATCTTGAATCAGAAATTGAGAAGCTGCAAGTGAAGAGAGAGCTTGTGAAAGGAAAGAGATCACATTTT
 GTCAACTCTGGGTGAGACAAAGCAGAACCTAACTGGACTTTGCCAGAAAGTTTGTAAAGAAGCAGCTCTG
 AGTCAAGAACAAATACAGATACTCGCCAAGTACTCAGCTGCAGATTGCCCACTTTCATTTTAAATTTCTG
 AAAAGATAAAAGTACTCCTGATGGTGAAGTGGCGTTACCATCAATTTTCAGTTTATCTGACCGGCTCC
 AGCAGTGCTGCCTCCCTGTGCCAGAGGAAACAGTGAGCCTGGCTACGCGCAGGGCAGGAGTCCCAGCAG
 ATGTCCACAGCCACCTCTGAGCAAGCTGGGCTGCGGAACAGTGTGTCAGAGTGGTGGGATCTCAGATT
 TCTGTCAGCAGATGACTGATAAATGTACTACTGATGAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221628 protein sequence Red=Cloning site Green=Tags(s) MSLSSENSVFAYESSVHSTNVLLSLNDQRKKDVLCDVTIFVEGQRFRAHRSVLAACSSYFHSRIVGQADGE LNITLPEEVTYKGFELIQFAYTAKLILSKENVDEVCKVEFLSVHNIIEESCFQFLKFKFLDSTADQQEC PRKKCFSSHQKTDKLSLLDQRDLTDEVEEFLENKNVQTPQCKLRRYQGNKASPLQDSASQTYESM CLEKDAALALPSLCPKYRKFKAFGTDRVGTGESSVKDIHASVQPNRSENECLGGVPECRDQLQVMLKCD ESKLAMEPEETKKDPASQCPTSEKSEVTPFPHNSSIDPHGLYSLLHTYDQYGDNLNFMQNTTTLTEKP LSGTDVQEKTFGESQDLPLKSDLGTREDSSVASSDRSSVEREVAEHLAKGFWSDICSTDTPCQMLSPAV AKDGSEQISQKRSECPWLGIRESPEPGQRTFTLSSVNCPISTLSTEGCSSNLEIGNDDYVSEPQQE PCPYACVISLGGDSETDEGDESSECSAREQECEVKLPFNAQRIISLRNDFQSLKMKHLTPEQLDCIHD IRRRSNRIAAQRCRKRKLDCIQNLESEIEKLQSEKESLLKERDHLSTLGETKQNLGLCQKVCKEAL SQEQIQLAKYSAADCPLSFLISEKDKSTPDGELALPSIFSLSDRPPAVLPPCARGNSEPGYARGQESQQ MSTATSEQAGPAEQCRQSGGISDFCQMTDKCTTDE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_206866
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F8371
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_206866.1</u>
RefSeq Size:	5770 bp
RefSeq ORF:	2211 bp
Locus ID:	571
UniProt ID:	<u>O14867</u>
Cytogenetics:	21q21.3
MW:	82 kDa