

Product datasheet for **RC209275A1V**

Human **BACH1** (NM_001186) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BACH1 (NM_001186) 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:**

>RC209275 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTCTGAGTGAGAACTCGGTTTTTGCCTATGAATCTTCTGTGCATAGCACCAATGTTTTACTCAGCC
 TTAATGACCAGCGGAAGAAAGATGTGCTGTGCGATGTCACCATCTTTGTGGAGGGACAGCGGTTCCGCGC
 TCACCGGTCCGTGCTGGCGGCATGCAGCAGTTACTTCCACTCAAGAATCGTAGGCCAGGCTGATGGAGAG
 CTGAACATTACTCTTCCAGAAGAGGTGACAGTTAAAGGATTTGAACCTTTAATTCAGTTTGCCTACACTG
 CTAAACTGATTTTAAAGTAAAGAGAATGTGGATGAAGTGTGCAAAATGTGTGGAGTTTTAAGTGTACATAA
 TATTGAGGAATCCTGCTTTCAGTTTCTGAAATTTAAGTTTTTGGACTCCACTGCAGACCAGCAAGAATGC
 CCAAGAAAAAATGCTTTTCATCACACTGTCAGAAAACAGACCTTAAACTTTCACTTTTGGACCAGAGGG
 ATCTAGAACTGATGAAGTGGAGGAATTTCTGGAATAAAAAATGTTCACTCCTCAGTGTAACTCCG
 CAGGTATCAAGGAAATGCAAAAGCCTCACCTCCTCTACAAGACAGTGCCAGTCAGACATATGAGTCCATG
 TGCTTAGAGAAGGATGCTGCTCTGGCCTTGCCCTCTTTATGCCCAAATACAGAAAAATCCAAAAAGCAT
 TTGGAAGTGACAGAGTCCGTACTGGGAATCTAGTGTCAAAGACATTCATGCTTCTGTTAGCCAAATGA
 AAGGTCTGAAAATGAATGCCTGGGAGGAGTCCCGAGTGTAGAGATTTGCAGGTGATGTTAAATGTGAC
 GAAAGTAAATTAGCAATGGAACCTGAAGAAACGAAGAAAGATCCTGCTTCTCAGTGCCCAACTGAAAAAT
 CAGAAGTGACTCCTTTCCCCACAATTCTTCCATAGACCCTCATGGACTTTATTCTTTGTCTCTTTTACA
 CACATATGACCAATATGGTGACTTGAATTTTGTGGTATGCAAAACACAACAGTGTTAACAGAAAAGCCT
 TTGTCAAGTACAGACGTCCAAGAAAAACATTTGGTGAAGTCAGGATTTACCTTTGAAATCCGACTTGG
 GCACCAGGGAAGATAGTAGTGTGCATCTAGTGATAGGAGTAGTGAGGAGGAGAGTGGCAGAACACCT
 AGCAAAAGGCTTCTGGAGTGACATTTGCAGCACGGACACTCCTTGCCAAATGCAGTTATCACCTGCTGTG
 GCCAAAGATGGCTCAGAACAGATCTCACAGAAACGGTCTGAGTGTCCGTGGTTAGGTATCAGGATTAGTG
 AGAGCCCAGAACCAGGTCAAAGGACTTTCAACAATTAAGTTCTGTCAACTGCCCTTTTATAAGTACTCT
 GAGTACTGAAGGCTGTTCAAGCAATTTGGAAATTGGAACGATGATTATGTTTCAGAACCCAGCAAGAA
 CCTTGCCCATATGCTTGTGTCATTAGCTTGGGAGACGACTCTGAGACGGACACCGAAGGAGACAGTGAAT
 CCTGTTCAAGCAGAGAACAGAAATGTGAGGTAAAAGTCCATTCAATGCACAACGGATAATTTCACTGTC
 TCGAAATGATTTTCAGTCTTGTGAAATGCACAAGCTTACTCCAGAACAGCTGGATTGTATCCATGAT
 ATTCGAAGAAGAAGTAAAAACAGAAATGCTGCACAGCGCTGTGCAAGAGAAAAGTGTGATACAGA
 ATCTTGAATCAGAAATTGAGAAGCTGCAAGTGAAGAGAGAGCTTGTGAAAGGAAAGAGATCACATTTT
 GTCAACTCTGGGTGAGACAAAGCAGAACCTAACTGGACTTTGCCAGAAAGTTTGTAAAGAGCAGCTCTG
 AGTCAAGAACAAATACAGATACTCGCCAAGTACTCAGCTGCAGATTGCCCACTTTCATTTTAAATTTCTG
 AAAAGATAAAAGTACTCCTGATGGTGAAGTGGCGTTACCATCAATTTTCAGTTTATCTGACCGGCTCC
 AGCAGTGCTGCCTCCCTGTGCCAGAGGAAACAGTGAGCCTGGCTACGCGCAGGGCAGGAGTCCAGCAG
 ATGTCCACAGCCACCTCTGAGCAAGCTGGGCTGCGGAACAGTGTGTCAGAGTGGTGGGATCTCAGATT
 TCTGTCAGCAGATGACTGATAAATGTACTACTGATGAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209275 protein sequence Red=Cloning site Green=Tags(s) MSLSSENSVFAYESSVHSTNVLLSLNDQRKKDVLCDVTIFVEGQRFRAHRSVLAACSSYFHSRIVGQADGE LNITLPEEVTYKGFELIQFAYTAKLILSKENVDEVCKVEFLSVHNIEESCFQFLKFKFLDSTADQQEC PRKKCFSSHQKTDKLSLLDQRDLETDEVEEFLENKNVQTPQCKLRRYQGNKASPLQDSASQTYESM CLEKDAALALPSLCPKYRKFKAFGTDRVGTGESSVKDIHASVQPNRSENECLGGVPECRDQLQVMLKCD ESKLAMEPEETKKDPASQCPTSEKSEVTPFPHNSSIDPHGLYSLLHTYDQYGDNLNFMQNTTVLTKP LSGTDVQEKTFGESQDLPLKSDLGTREDSSVASSDRSSVEREVAEHLAKGFWSDDICSTDTPCQMLSPAV AKDGSEQISQKRSECPWLGRISESPEPGQRTFTLSSVNCPISTLSTEGCSSNLEIGNDDYVSEPQQE PCPYACVISLGGDSETDEGDSESCSAREQECEVKLPFNAQRIISLRNDFQSLKMKHLTPEQLDCIHD IRRRSNRIAAQRCRKRKLDCIQNLESEIEKLQSEKESLLKERDHLSTLGETKQNLGLCQKVCKEAL SQEQIQLAKYSAADCPLSFLISEKDKSTPDGELALPSIFSLSDRPPAVLPPCARGNSEPGYARGQESQQ MSTATSEQAGPAEQCRQSGGISDFCQMTDKCTTDE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001186
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F6408
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_001186.2</u>
RefSeq Size:	5642 bp
RefSeq ORF:	2211 bp
Locus ID:	571
UniProt ID:	<u>O14867</u>
Cytogenetics:	21q21.3
MW:	82 kDa