

Recombinant Human BACH1 protein, GST-tagged

Cat. No. BACH1-044H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human BACH1 full-length ORF (ABZ91995.1, 1 a.a. - 736 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a transcription factor that belongs to the capncollar type of basic region leucine zipper factor family (CNC-bZip). The encoded protein contains broad complex, tramtrack, bric-a-brac/poxvirus and zinc finger (BTB/POZ) domains, which is atypical of CNC-bZip family members. These BTB/POZ domains facilitate protein-protein interactions and formation of homo- and/or hetero-oligomers. When this encoded protein forms a heterodimer with MafK, it functions as a repressor of Maf recognition element (MARE) and transcription is repressed. Multiple alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	81 kDa
AA Sequence	MSLSENSVFAYESSVHSTNVLLSLNDQRKKDVLCDVTIFVEGQRFRAHRSVLAACSS YFHSRIVGQADGELNITLPEEVTVKGFEP LIQFAYTAKLILSKENVDEVCKCVEFLSVH NIEESCFQLFKFKFLDSTADQQECP RKKCFSSHQKQKTDLKL SLLDQRDLETDEVEEF LENKNVQTPQCKLRRYQGN AKASPPLQDSASQTYESMCLEKDAALALPSLCPKYRK FQKAFGTDRVRTGESSVKDIHASVQPNERSENECLGGVPECRDLQVMLKCD ESKLA

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MEPEETKKDPASQCPTKSEVTPFPHNSSIDPHGLYSLILHTYDQYGDNLNFMGMQ
 NTTVLTEKPLSGTDVQEKTFGESQDLPLKSDLGTREDSSVASSDRSSVEREVAEHL
 AKGFWSIDICSTDTPCQMQLSPAFAKDGSEQISQKRSECPWLGIRISESPEPGQRTF
 TTLSSVNCPPFISTLSTEGCSSNLEIGNDDYVSEPQQEPCPYACVISLGDDSETDTEG
 DSESCSAREQECEVKLPFNAQRIISLSRNDFFQSLMKMHKLTPEQLDCIHDRRRSKNR
 IAAQRRCRKRKLDICIQNLESEIEKQLQSEKESLLKERDHILSTLGETKQNLTLGLCQKVKC
 EAALSQEQIQILAKYSAADCPLSFLISEKDKSTPDGELALPSIFSLSDRPPAVLPPCAR
 GNSEPGYARGQESQQMSTATSEQAGPAEQCRQSGGISDFCQQMTDKCTTDE

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name BACH1 BTB and CNC homology 1, basic leucine zipper transcription factor 1 [Homo sapiens]

Official Symbol BACH1

Synonyms BACH1; BTB and CNC homology 1, basic leucine zipper transcription factor 1; transcription regulator protein BACH1; BACH 1; HA2303; BTB and CNC homolog 1; basic region leucine zipper transcriptional regulator BACH1; BACH-1;

Gene ID 571

mRNA Refseq NM_001186

Protein Refseq NP_001177

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MIM	602751
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UniProt ID	O14867
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