

Recombinant Full Length Human BACH1 Protein, GST-tagged

Cat. No. BACH1-1764HF **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	In Vitro Cell Free System
ProteinLength	736 amino acids
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 YFHSRIVGQADGELNITLPEEVTVKGFELIQLFAYTAKLILSKENVDEVCKCVEFLSVH NIEESCFQLKFKFLDSTADQQECPRKKCFSSHQKTDLKLSLLDQRDLETDEVEEF

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LENKNVQTPQCKLRRYQGNASPLQDSASQTYESMCLEKDAALAPSLCPKYRK
 FQKAFGTDRVRTGESSVKDIHASVQPNERSENECLGGVPECRDLQVMLKCDESKLA
 MEPEETKKDPASQCPTEKSEVTPFPHNSSIDPHGLYSLILHTYDQYGDLNFAGMQ
 NTTVLTEKPLSGTDVQEKTFGESQDLPLKSDLGTREDSSVASSDRSSVEREVAEHL
 AKGFWSDICSTDTPCQMQLSPAOKDGSEQISQKRSECPWLIGIRISESPEPGQRTF
 TTLSSVNCPISTLSTEGCSSNLEIGNDDYVSEPQQEPCPYACVISLGDDSETDTEG
 DSESCSAREQECEVKLPFNAQRIISLSRNDFFQSLKMHKLTPEQLDCIHDIRRRSKNR
 IAAQRCRKRKLDCIQNLESEIEKLQSEKESLLKERDHLSTLGETKQNLGLCQKVCK
 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
MIM	602751
UniProt ID	O14867

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