

# Recombinant Full Length Human BACH1 Protein, GST-tagged

Cat. No. BACH1-1764HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human BACH1 full-length ORF ( ABZ91995.1, 1 a.a. - 736 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	736 amino acids
<b>Description</b>	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]
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	81 kDa
<b>AA Sequence</b>	MSLSENSVFAYESSVHSTNVLLSLNDQRKKDVLCDVTIFVEGQRFRAHRSVLAACSS YFHSRIVGQADGELNITLPEEVTVKGFEP LIQFAYTAKLILSKENVDEVCKCVEFLSVH NIEESCFQLKFKFLDSTADQQECPRKKCFSSHQKTDLKL SLLDQRDLETDEVEEF

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LENKNVQTPQCKLRRYQGNASPLQDSASQTYESMCLEKDAALAPSLCPKYRK  
 FQKAFGTDRVRTGESSVKDIHASVQPNERSENECLGGVPECRDLQVMLKCDKESKLA  
 MEPEETKKDPASQCPTKSEVTPFPHNSSIDPHGLYSLILHTYDQYGDLNFAGMQ  
 NTTVLTEKPLSGTDVQEKTFGESQDLPLKSDLGTREDSSVASSDRSSVEREVAEHL  
 AKGFWSDICSTDTPCQMQLSPAFAKDGSEQISQKRSECPWLGRISESPEPGQRTF  
 TTLSSVNCPPFISTLSTEGCSSNLEIGNDDYVSEPQQEPCPYACVISLGDDSETDTEG  
 DSESCSAREQECEVKLPFNAQRIISLSRNDFFQSLKMHKLTPEQLDCIHDIRRRSKNR  
 IAAQRCKRKRKLDICQNLESEIEKQSEKESLLKERDHILSTLGETKQNLTLGLCQKVCK  
 EAALSQEQIQILAKYSAADCPLSFLISEKDKSTPDGELALPSIFSLSDRPPAVLPPCAR  
 GNSEPGYARGQESQQMSTATSEQAGPAEQCRQSGGISDFCQQMTDKCTTDE

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	BACH1 BTB and CNC homology 1, basic leucine zipper transcription factor 1 [ Homo sapiens ]
<b>Official Symbol</b>	BACH1
<b>Synonyms</b>	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
<b>Gene ID</b>	571
<b>mRNA Refseq</b>	NM_001186



<b>Protein Refseq</b>	NP_001177
<b>MIM</b>	602751
<b>UniProt ID</b>	O14867

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