

Recombinant Human BACH1 Protein, GST-tagged

Cat. No. BACH1-27427H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human BACH1 partial ORF (NP_996749, 396 a.a.-492 a.a.) recombinant protein with GST-tag at N-terminal was expressed in wheat germ.
Species	Human
Source	Wheat Germ
ProteinLength	396-492
Description	This gene encodes a transcription factor that belongs to the cap'n'collar 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.
Molecular Mass	36.41 kDa
AA Sequence	HLAKGFWSIDICSTDTPCQMQLSPAVAKDGSEQISQKRSECPWLGIRISESPEPGQR TFTTLSSVNC PFISTLSTEGCSSNLEIGNDDYVSEPPQEPC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

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 domain and CNC homolog 1 [Homo sapiens (human)]

Official Symbol BACH1

Synonyms BACH1; BTB domain and CNC homolog 1; BACH-1; BTBD24; transcription regulator protein BACH1; BTB and CNC homology 1, basic leucine zipper transcription factor 1; basic region leucine zipper transcriptional regulator BACH1

Gene ID 571

mRNA Refseq NM_206866

Protein Refseq NP_996749

MIM 602751

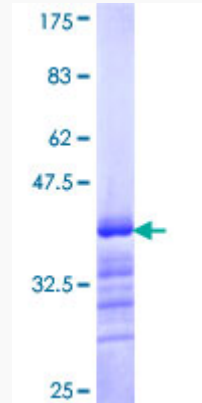
UniProt ID O14867

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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