

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	HLAKGFWSIDICSTDTPCQMQLSPAVAKDGSEQISQKRSECPWLGI RISESPEPGQR TFTTLSSVNC PFISTLSTEGCSSNLEIGNDDYVSEPQQEPC
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

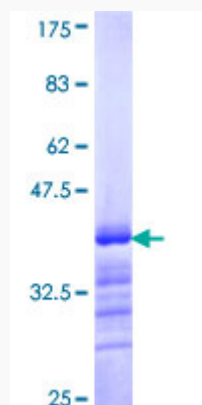
UniProt ID O14867

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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