

## Recombinant Human BACH1 Protein, MYC/DDK-tagged

Cat. No. BACH1-22H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant protein of human BTB and CNC homology 1, basic leucine zipper transcription factor 1 (BACH1), transcript variant 1 with a C-MYC/DDK tag was expressed in HEK293T.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	81.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION**

<b>Gene Name</b>	BACH1 BTB domain and CNC homolog 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	BACH1
<b>Synonyms</b>	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
<b>Gene ID</b>	571
<b>mRNA Refseq</b>	NM_206866
<b>Protein Refseq</b>	NP_996749
<b>MIM</b>	602751
<b>UniProt ID</b>	O14867

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