

Recombinant Human BACH1 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
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	81.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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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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