

Product datasheet for **TP321628M**

BACH1 (NM_206866) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human BTB and CNC homology 1, basic leucine zipper transcription factor 1 (BACH1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221628 protein sequence Red =Cloning site Green =Tags(s)

MSLSENSVFAYESSVHSTNVLLSLNDQRKKDVLCDVTIFVEGQRFRAHRSVLAACSSYFHSRIVGQADGE
LNITLPEEVTVKGFELIQFAYTAKLILSKENVDEVCKCFLSVHNIEESCFQFLKFKFLDSTADQQEC
PRKKCFSSHCKQKTDLKLSDLDQRDLETDEVEEFLENKNVQTPQCKLRRYQGNKASPLQDSASQTYESM
CLEKDAALALPSLCPKYRKFQKAFGTDRTGESSVKDIHASVQPNERSENECLGGVPECRDLQVMLKCD
ESKLAMEPEETKKDPASQCPTKSEVTPFPHNSSIDPHGLYSLLHTYDQYGDNLNFAQMNTTVLTKP
LSGTDVQEKTFGESQDLPLKSDLGTREDSSVASSDRSSVEREVAEHLAKGFWSDICSTDTPCQMQLSPAV
AKDGSEIQKRSECPWLGIRISEPEPGQRTFTTLSSVNCPISTLSTEGCSSNLEIGNDDYVSEPQQE
PCPYACVISLGDDSETDTEGDSSECSAREQECEVKLPFNAQRIISLRNDFQSLLKMHKLTPEQLDCIHD
IRRRSKNRIAAQRCRKRKLDICIQNLESEIEKLQSEKESLLKERDHLSTLGETKQNLTLGLCQKVCKEAAL
SQEQIQILAKYSAADCPLSFLISEKDKSTPDGELALPSIFLSDRPPAVLPPCARGNSEPGYARGQESQQ
MSTATSEQAGPAEQCRQSGGISDFCQQMTDKCTTDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	81.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_996749
Locus ID:	571
UniProt ID:	O14867
RefSeq Size:	5770
Cytogenetics:	21q21.3
RefSeq ORF:	2208
Synonyms:	BACH-1; BTBD24
Summary:	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. [provided by RefSeq, May 2009]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified BACH1 protein (Cat# [TP321628]). The protein was produced from HEK293T cells transfected with BACH1 cDNA clone (Cat# [RC221628]) using MegaTran 2.0 (Cat# [TT210002]).