

## Product datasheet for PH309275

### BACH1 (NM\_001186) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	BACH1 MS Standard C13 and N15-labeled recombinant protein (NP_001177)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209275
Predicted MW:	82 kDa
Protein Sequence:	>RC209275 protein sequence Red=Cloning site Green=Tags(s)

MSLSENSVFAYESSVHSTNVLLSLNDQRKCDVLTIFVEGQRFRAHRSVLAACSSYFHSRIVGQADGE  
LNITLPEEVTVKGFELIQFAYTAKLILSKENVDEVCKCVELSVHNIEESCQFLKFKFLDSTADQQEC  
PRKKCFSSHQKTDLKL SLLDQRDLETDEVEEFLENKNVQTPQCKLRRYQGNASPLQDSASQTYESM  
CLEKDAALALPSLCPKYRKFQKAFGTDVRTGESSVKDIHASVQPNERSENECLGGVPECRDLQVMLKCD  
ESKLAMEPEETKKDPASQCPTKSEVTPFPHNSSIDPHGLYSLLHTYDQYGDLNFAQMNTTVLTKP  
LSGTDVQEKTFGESQDLPLKSDLGTREDSVASSDRSSVEREVAEHLAKGFWSDICSTDPQMQLSPAV  
AKDGSEQISQKRSECPWLGIRISESPEPGQRTFTLSSVNCPISTLSTEGCSSNLEIGNDDYVSEPPQE  
PCPYACVISLGDSETDTEGDSESCSAREQECEVKLPFNAQRIISL SRNDFQSL LKMHKL TPEQLDCIHD  
IRRRSKNRIAAQRCRKRKLDLQNLSEIEKLQSEKESLLKERDHLSTLGETKQNL TGLCQKVCKEAAAL  
SQEQIQLAKYSAADCPLSFLISEKDKSTPDGELALPSIFSLSDRPPAVLPPCARGNSEPGYARGQESQ  
MSTATSEQAGPAEQCRQSGGISDFCQMTDKCTTDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001177</u>



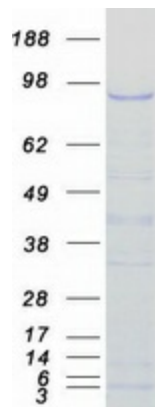
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RefSeq Size:	5642
RefSeq ORF:	2208
Synonyms:	BACH-1; BTBD24
Locus ID:	571
UniProt ID:	<a href="#">O14867</a>
Cytogenetics:	21q21.3

**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# [TP309275]). The protein was produced from HEK293T cells transfected with BACH1 cDNA clone (Cat# [RC209275]) using MegaTran 2.0 (Cat# [TT210002]).