

Datasheet for ABIN7556776
BACH1 Protein (AA 1-739) (His tag)



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Overview

Quantity:	1 mg
Target:	BACH1
Protein Characteristics:	AA 1-739
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BACH1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Bach1 Protein expressed in mammalian cells.
Sequence:	MSVSESAVFA YESSVHSTNV LLSLNDQRKK DVLCDVTVLV EGQRFRAHRS VLAACSSYFH SRIVGQTDAE LTVTLPEEVT VKGFEPLIQF AYTAKLILSK DNVDEVCRCV EFLSVHNIEE SCFQFLKFKF LDSTSEQQEC ARKKCFSSHC QKADFKFSFS EQKDLEIDEA DEFLEKKRVQ TPQCDSRRCQ GSVKASPPLQ DSVSQACQSL CTDKDGALAL PSLCPKYRKF QKAFGTDKIR TLESGVRDVH TASVQPNETS ELECFGGAQG CADLHVILKC EGMKAAMESE DTEGQDPSPQ CPAEQPQGTP LPQDSAGPHG LYSLSALHTY EQSGDVAFAG VQSKTVKTEK PLSRPDAQDE KPSNQDLYL KSSMGPKEDES SSLASEDRSS VEREVAEHLA KGFWSDICST DSPCQMQLSP TVAKDGPEQG YSQRRECPW LGIRISESPE PGQRTFTTLS SVNCPFISTL SSEGCSSNLE IGNYDYVSEP QEPCPYACV ISLGDDSETD TEGDSESCSA REQDCEVKLP FNAQRIISLS RNDFQSLMKM HKLTPEQLDC IHDIRRRSKN RIAAQRCRKR KLDCIQNLES EIEKLQSEKE SLLKERDHIL STLGETKQNL TGLCQQVCKE AALSPEIQI LAKYSASDCP LSFLISEK GK STPDGELAFT SVFSVSDVPP TAPPPCGRGS SAASQELVQE SPPTTAAAPE QATLLEPCRQ

Product Details

SAGISDFCQQ MSDKCTTDE **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: BACH1

Alternative Name: Bach1 ([BACH1 Products](#))

Background: Transcription regulator protein BACH1 (BTB and CNC homolog 1),FUNCTION: Transcriptional regulator that acts as a repressor or activator, depending on the context (PubMed:8887638, PubMed:19170764). Binds to NF-E2 DNA binding sites (PubMed:8887638, PubMed:19170764). Plays important roles in coordinating transcription activation and repression by MAFK (PubMed:8887638). Together with MAF, represses the transcription of genes under the control of the NFE2L2 oxidative stress pathway (By similarity). {ECO:0000250|UniProtKB:O14867, ECO:0000269|PubMed:19170764, ECO:0000269|PubMed:8887638}.

Target Details

Molecular Weight: 81.4 kDa

UniProt: [P97302](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months