



# Recombinant Mouse Transcription regulator protein BACH1 (Bach1)

<b>Product Code</b>	CSB-YP002526MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P97302
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSVSESAVFA YESSVHSTNV LLSLNDQRKK DVLCDVTVLV EGQRFRAHRS VLAACSSYFH SRIVGQTDAE LTVTLPEEVT VKGFELIQF AYTAKLILSK DNDDEVCRVC EFLSVHNIEE SCFQFLKFKF LDSTSEQQEC ARKKCFSSH QKADFKFSFS EQKDLEIDEA DEFLEKKRVQ TPQCDSRRCQ GSVKASPPLQ DSVSQACQSL CTDKDGALAL PSLCPKYRKF QKAFGTDKIR TLESGVRDVH TASVQPNETS ELECFGGAQG CADLHVILKC EGMKAAMESE DTEGQDPSPQ CPAEQPQGTP LPQDSAGPHG LYSLSALHTY EQSGDVAFAG VQSKTVKTEK PLSRPDAQDE KPSENQDLYL KSSMGPKESS SSLASEDRSS VEREVAEHLA KGFWSDICST DSPCQMLSP TVAKDGPEQG YSQRRECPW LGIRISESPE PGQRTFTTLS SVNCPFISTL SSEGCSSNLE IGNYDYVSEP QQEPCPYACV ISLGDDSETD TEGDSESCSA REQDCEVKLP FNAQRISLS RNDFQSLLKM HKLTPQLDC IHDIRRRSKN RIAAQRCKR KLDCIQNLES EIEKLQSEKE SLLKERDHIL STLGETKQNL TGLCQQVCKE AALSPEQIQI LAKYSASDCP LSFLISEKGK STPDGELAFT SVFSVSDVPP TAPPPCGRGS SAASQELVQE SPPTTAAAPE QATLLEPCRQ SAGISDFCQQ MSDKCTTDE
<b>Source</b>	Yeast
<b>Target Names</b>	Bach1
<b>Protein Names</b>	Recommended name: Transcription regulator protein BACH1 Alternative name(s): BTB and CNC homolog 1
<b>Expression Region</b>	1-739
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.