



Recombinant Human Transcription regulator protein BACH1 (BACH1)

Product Code	CSB-EP002526HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14867
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MSLSENSVFA YESSVHSTNV LLSLNDQRKK DVLCDVTIFV EGQRFRAHRS VLAACSSYFH SRIVGQADGE LNITLPEEVT VKGFEPLIQF AYTAKLILSK ENVDEVCKCV EFLSVHNIIE SCFQFLKFKF LDSTADQQEC PRKKCFSSHC QKTDLKL SLL DQRDLETDEV EEFLNKNVQ TPQCKLRRYQ GNAKASPPLQ DSASQTYESM CLEKDAALAL PSLCPKYRKF QKAFGTDRVR TGESSVKDIH ASVQPNERSE NECLGGVPEC RDLQVMLKCD ESKLAMEPEE TKKDPASQCP TEKSEVTPFP HNSSIDPHGL YLSLLHTYD QYGD LNFAGM QNTTVLTEKP LSGTDVQEKT FGESQDLPLK SDLG TREDSS VASSDRSSVE REVAEHLAKG FWSDICSTDT PCQMQLSPAV AKDGSEQISQ KRSECPWLG I RISESPEPGQ RTFTTLSSVN CPFISTLSTE GCSSNLEIGN DDYVSEPPQE PCPYACVISL GDDSETDTEG DSESCSAREQ ECEVKLPFNA QRIISLSRND FQSLLKMHKL TPEQLDCIHD IRRRSKNRIA AQRCKRKL D CIQNLESEIE KIQSEKESLL KERDHILSTL GETKQNL TGL CQKVCKE AAL SQEQIQILAK YSAADCPLSF LISEKDKSTP DGELALPSIF SLSDRPPAVL PPCARGNSEP GYARGQESQQ MSTATSEQAG PAEQCRQSGG ISDFCQQMTD KCTTDE</p>
Source	E.coli
Target Names	BACH1
Protein Names	Recommended name: Transcription regulator protein BACH1 Alternative name(s): BTB and CNC homolog 1 HA2303
Expression Region	1-736
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.

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.

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.