



Recombinant Human BACH1 Protein Product Manual

1. Product Basic Information

Product No.: REP06239

Protein Name: BACH1

Aliases: BACH-BTBD24

UniProt ID: O14867

UniProt Link: <https://www.uniprot.org/uniprotkb/O14867/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-736aa)

Molecular Weight: 88.9 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-736aa)

MSLSSENSVFAYESSVHSTNVLLSLNDQRKKDVLCDVTIFVEGQRFRAHRSVLAACS
SYFHSRIVGQADGELNITLPEEVTVKGFELIQFAYTAKLILSKENVDEVCKCVEFLSV
HNIEESCFQFLKFKFLDSTADQQECPRKKCFSSHQKTDLKLSLDQRDLETDEVE
EFLKNKNVQTPQCKLRRYQGNKASPLQDSASQTYESMCLEKDAALALPSLCPK
YRKFKQAFGTDRVRTGESSVKDIHASVQPNERSENECLGGVPECRDLQVMLKCDE
SKLAMEPEETKKDPASQCPTSEVTPFPHNSSIDPHGLYSLLHTYDQYGDLNF
AGMQNTTVLTKPLSGTDVQEKTFGESQDLPLKSDLGTREDSSVASSDRSSVERE
VAEHLAKGFWSDICSTDTPCQMQLSPAVAKDGSEQISQKRSECPWLGIRISESPEP
GQRTFTTLSSVNCPFISTLSTEGCSSNLEIGNDDYVSEPQQEPCPYACVISLGDDSE
TDTEGDSESCSAREQECEVKLPFNAQRIISLSRNDFQSLLKMHKLTPEQLDCIHDR
RRSKNRIAAQRCRKRKLDCIQNLESEIEKLQSEKESLLKERDHILSTLGETKQNL TGL
CQKVCKEAALSQEQIQLAKYSAADCPLSFLISEKDKSTPDGELALPSIFSLSDRPPA
VLPPCARGNSEPGYARGQESQQMSTATSEQAGPAEQCRQSGGISDFCQQMTDKC
TTDE

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



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glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human BACH1 full length protein (1-736aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. BACH1, also known as BACH-BTBD24, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.