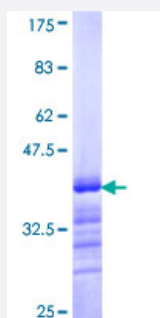


BACH1 (Human) Recombinant Protein (Q01)

Catalog # H00000571-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BACH1 partial ORF (NP_996749, 396 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HLAKGFWSDICSTDTPCQMLSPAVAKDGSEQISQKRSECPWLGIRISESPEPGQRTFTTLSSVN CPFISTLSTEGCSSNLEIGNDDYVSEPQQEPC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Interspecies Antigen Sequence	Mouse (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BACH1

Entrez GeneID [571](#)

GeneBank Accession# [NM_206866](#)

Protein Accession# [NP_996749](#)

Gene Name BACH1

Gene Alias -

Gene Description BTB and CNC homology 1, basic leucine zipper transcription factor 1

Omim ID [602751](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations BTB and CNC homology 1|OTTHUMP00000096564

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Fanconi Anemia](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)