

Recombinant Full Length Human BACH2 Protein, GST-tagged

Cat. No. BACH2-1766HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BACH2 full-length ORF (AAI66613.1, 1 a.a. - 841 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	841 amino acids
Description	Enables sequence-specific double-stranded DNA binding activity. Involved in primary adaptive immune response involving T cells and B cells. Located in cytosol and nucleoplasm. Implicated in immunodeficiency 60.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	119 kDa
AA Sequence	MSVDEKPDSPMYVYESTVHCTNILLGLNDQRKKDILCDVTLIVERKEFRAHRAVLAA CSEYFWQALVGQTKNDLVVSLPEEVTARGFGPLLQFAYTAKLLSRENIREVIRCAE FLRMHNLEDSCFSFLQTQLLNSEDGLFVCRKDAACQRPHEDCENSAGEEEDEEEET MDSETAKMACPRDQMLPEPISFEAAAIPVAEKEEALLPEPDVPTDTKESSEKDALTQ YPRYKKYQLACTKNVYNASSHSTSGFASTFREDNSSNSLKPGLARGQIKSEPPSEE NEEESITLCLSGDEPDADKDRAGDVEMDRKQSPAPTPTAPAGAACLERSRSVASPS CLRSLFSITKSVELSGLPSTSQQHFARSPACPFDKGITQGDLKTDYTPFTGNYGQPH VGQKEVSNFTMGSPLRGPGLEALCKQEGELDRRSVIFSSSACDQVSTSVHSGVS

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SLDKDLSEVPKGLWVGAGQSLPSSQAYSHGGLMADHLPGRMRPNTSCPVPIKVC
 PRSPPLETRTRTSSSCSSSYAEDGSGGSPCSLPLCEFSSSPCSQGARFLATEHQE
 PGLMGDGMYNQVRPQIKCEQSYGTNSSDESGSFSEADSESCPVQDRGQEVKLPFP
 VDQITDLPRNDFQMMIKMHKLTSEQLEFIHDVRRRSKNRIAAQRCRKRKLDICIQNL
 CEIRKLVCEKEKLLSERNQLKACMGELLDNFSCLSQEVCRDIQSPEQIQALHRYCPV
 LRPMDLPTASSINPAPLGAEQNIAASQCAVGENVPCCLEPGAAPPGPPWAPSNTSE
 NCTSGRRLEGTDPGTFSESGPPLEPRSQTVTVDFCQEMTDKCTTDEQPRKDYT

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	BACH2 BTB domain and CNC homolog 2 [Homo sapiens (human)]
Official Symbol	BACH2
Synonyms	BTBD25;BACH2
Gene ID	60468
mRNA Refseq	NM_021813
Protein Refseq	NP_068585
MIM	605394
UniProt ID	Q9BYV9