

Recombinant Full Length Human BACH2 Protein, GST-tagged

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

SPECIFICATION

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| 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 |
| Protein Length | 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 CSEYFWQALVGQTKNDLVVSLPEEVTARGFGPLLQFAYTAKLLLSRENIREVIRCAE FLRMHNLEDSCFSFLQTQLLNSEDGLFVCRKDAACQRPHEDCENSAGEEEDEEEET MDSETAKMACPRDQMLPEPISFEAAAIPVAEKEEALLPEPDVPTDTKESSEKDALTQ YPRYKKYQLACTKNVYNASSHSTSGFASTFREDNSSNSLKPGLARGQIKSEPPSEE NEESITLCLSGDEPDAKDRAGDVEMDRKQPSPAPTPTAPAGAACLERSRSVASPS CLRSLFSITKSVELSGLPSTSQQHFARSPACPFDKGITQGDLDKTDYTPFTGNYGQPH VGQKEVSNFTMGSPLRGPGLEALCKQEGELDRRSVIFSSACDQVSTSVHSYSGVS |

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SLDKDLSEPVPKGLWVGAGQSLPSSQAYSHGGLMADHLPGRMRPNTSCPVPIKVC
 PRSPPLETRTRTSSSCSSYSYAEDGSGGSPCSLPLCEFSSSPCSQGARFLATEHQE
 PGLMGDGMYNQVRPQIKCEQSYGTNSSDES GSFSEADSESCPVQDRGQEVKLPFP
 VDQITDLPRNDFQMMIKMHKLTSEQLEFIHDVRRRSKNRIAAQRCRKRKLDLCIQNLE
 CEIRKLVCEKEKLLSERNQLKACMGELLDNFSCLSQEVCRDIQSPEQIQALHRYCPV
 LRPMDLPTASSINPAPLGAEQNIASQCAVGENVPCCLEPGAAPP GPPWAPSNTSE
 NCTSGRRLEGTDPGTFSE RGPPLPRSQTVTVDFCQEMTDKCTTDEQPRKDYT

| | |
|-----------------------|--|
| 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

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|------------------------|---|
| 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 |

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