

Recombinant Full Length Human BACH2 Protein, C-Flag-tagged

Cat. No. BACH2-990HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BACH2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	92.4 kDa
AA Sequence	MSVDEKPDSPMYVYESTVHCTNILLGLNDQRKKDILCDVTLIVERKEFRAHRAVLAA CSEYFWQALVGQT KNDLVVSLPEEVTARGFGPLLQFAYTAKLLLSRENIREVIRCAE FLRMHNLEDSCFSFLQTQLLNSEDGL FVCRKDAACQRPHEDCENSAGEEEDEEEEE TMDSETAKMACPRDQMLPEPISFEAAAIPVAEKEEALLPEP DVPTDTKESSEKDALT QYPRYKKYQLACTKNVYNASSHSTSGFASTFREDNSSNSLKPGGLARGQIKSEPP SE ENEEESITLCLSGDEPDAKDRAGDVEMDRKQPSAPTPTAPAGAACLERSRSVASP SCLRSLFSITKS VELSGLPSTSQQHFARSPACPFDKGITQGDLKTDYTPFTGNYGQP HVGQKEVSNFTMGSPLRGPGLEALC KQEGELDRRSVIFSSSACDQVSTSVHSYSG VSSLDKDLSEPVPKGLWVGAGQSLPSSQAYSHGGLMADHL PGRMRPNTSCPVPIK

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VCPRSPPLETRTRTSSSCSSSYAEDGSGGSPCSLPLCEFSSSPCSQGARFLATE H
QEPGLMGDMYNQVRPQIKCEQSYGTNSSDESGSFSEADSESCPVQDRGQEVKL
PFPVDQITDLPRNDF QMMIKMHKLTSEQLEFIHDVRRRSKNRIAAQRCRKRKLDICIQ
NLECEIRKLVCEKEKLLSERNQLKACMG ELLDNFSCLSQEVCARDIQSPEQIQALHRY
CPVLRPMDLPTASSINPAPLGAEQNIAASQCAVGENVPCCL EPGAAPPGPPWAPSN
TSENCTSGRRLEGTDPGTFSERGPPLEPRSQTVTVDFCQEMTDKCTTDEQPRKDY
TSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

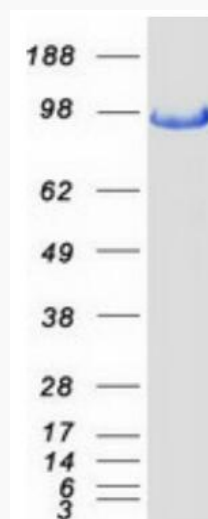
Gene Name	BACH2 BTB domain and CNC homolog 2 [Homo sapiens (human)]
Official Symbol	BACH2
Synonyms	IMD60; BTBD25

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Gene ID	60468
mRNA Refseq	NM_021813.4
Protein Refseq	NP_068585.1
MIM	605394
UniProt ID	Q9BYV9



Coomassie blue staining of purified BACH2 protein.