

Product datasheet for TP314061M

BACH2 (NM_021813) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human BTB and CNC homology 1, basic leucine zipper transcription factor 2 (BACH2), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC214061 representing NM_021813
Red=Cloning site **Green**=Tags(s)

MSVDEKPDSPMYVYESTVHCTNILLGLNDQRKKDILCDVTLIVERKEFRAHRAVLAACSEYFWQALVGQT
KNDLVVSLPEEVTARGFGPLLQFAYTAKLLLSRENIREVIRCAEFLRMHNLEDSFCFSFLQTQLLNSEDGL
FVCRKDAACQRPHEDCENSAGEEEDEEETMDSETAKMACPRDQMLPEPISFEAAAIPVAEKEEALLPEP
DVPTDTKESSEKDALTYPRYKQYLACTKNVYNASSHSTSGFASTFREDNSSNSLKPGLARGQIKSEPP
SEENEEESITLCLSGDEPDAKDRAGDVEMDRKQSPAPTPTAPAGAACLERSRSVASPCLRSLSITKS
VELSGLPSTSQQHFARSPACPFDKGITQGDLKTDYPTFTGNYGQPHVGGQKEVSNFTMGSPLRGPGLALC
KQEGELDRRSVIFSSACDQVSTSVHSYSGVSSLDKDLSEVPKGLVWVAGQSLPSSQAYSHGGLMADHL
PGRMRPNTSCPVIKVCPRSPLETRTRTSSSSSSSYAEDGSGGSPCSLPLCEFSSSPCSQGARFLATE
HQEPGLMGDGMYNQVRPQIKCEQSYGTNSSDESSEADSESCPVQDRGQEVKLPFPVDQITDLPRNDF
QMMIKMHKLTSEQLFEIHVRRRSKNRIAAQRCRKRKLDICQNLCEIRKLVCEKEKLLSERNQLKACMG
ELLDNFSCLSQEVCRDIQSPEQIQALHRYCPVLRPMDLPTASSINPAPLGAEQNIASQCAVGENVPCCL
EPGAAPPWAPSNTSENCTSGRRLEGTDPGTFSEGGPPLEPRSQTQTVDFCQEMTDKCTTDEQPRKDY
T

SGPTRRRLE**QKLISEEDLA**NDILDY**KDDDDK**V

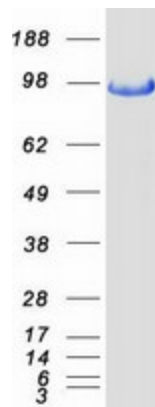
Tag: C-Myc/DDK
Predicted MW: 92.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_068585
Locus ID:	60468
UniProt ID:	Q9BYV9
RefSeq Size:	9120
Cytogenetics:	6q15
RefSeq ORF:	2523
Synonyms:	BTBD25; IMD60
Summary:	Transcriptional regulator that acts as repressor or activator (By similarity). Binds to Maf recognition elements (MARE) (By similarity). Plays an important role in coordinating transcription activation and repression by MAFK (By similarity). Induces apoptosis in response to oxidative stress through repression of the antiapoptotic factor HMOX1 (PubMed:17018862). Positively regulates the nuclear import of actin (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified BACH2 protein (Cat# [TP314061]). The protein was produced from HEK293T cells transfected with BACH2 cDNA clone (Cat# [RC214061]) using MegaTran 2.0 (Cat# [TT210002]).