

Product datasheet for TP524703

Bach2 (NM_001109661) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse BTB and CNC homology, basic leucine zipper transcription factor 2 (Bach2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224703 protein sequence Red=Cloning site Green=Tags(s)

MSVDEKPGSPMYVYESTVHCANILLGLNDQRKKDILCDVTLIVERKEFRAHRAVLAACSEYFWQALVGQT
KDDLVLVSLPEEVTARGFGPLLQFAYTAKLLLSRENIREVIRCAEFLRMHNLEDSFCFLQTQLLNREDGL
FVCRKDSACQRPQEDHGNSAGEEEEEETMDSETARMACATDQMLPDPISFEATAIPVAEKEEALLPESE
VPTDTKENSQKALTQYPRYKQYLACTKNVYSAPSHGTSFASTSEDSFGNSLKPGLPMGQIKSEPPS
EETEEESITLCLSGDETDIKDRPGDVEMDRKQSPAPTPTPTGAACLDERSRSVSSPCLRSLFGITKGV
ESTGLPSTSQQPLVRSSACPFNKGISQGDLDKDYTPLAGNYGQPHVQKQDVSNFAMGSPLRGPGPETLCK
QEGELDRRSVIFASACDQNPVHYSYSAVSNLKDLDSEVPKSLWVGAGQSLPSSQAYSHSGLMADHLP
GRIRPNTSCPVPIKVCPRSPLETRTRTSSSSSSSYAEDGSGGSPCSLPLCEFSSPCSQGARFLATEH
QEPGLMGDMYNQVRPQIKCEQSYGTNSSDESSESGFSEADSESCPVQDRGQEVKLPFPVDQITDLPRNDFQ
MMIKMHKLTSEQLEFIHDIRRRSKNRIAAQRKRKLDLCIQNLECEIRKLVCEKEKLLSERNHKACMGE
LLDNFSCLSQEVCRDIQSPEQIQALHRYCPVLIPMDLPGASVNPVPGVEQSLAPSPCAVGGSVPCCLEP
GAAPPGLPWVPSNTSENCTSGRRLEGS DPGTFSE RGPPEAR SQSVTVDFCQEMTEKCTTDEQPRKDYA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	91.8 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
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 after receiving vials.



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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_001103131
Locus ID:	12014
UniProt ID:	P97303
RefSeq Size:	8493
Cytogenetics:	4 A5
RefSeq ORF:	2520
Synonyms:	E030004N02Rik
Summary:	Transcriptional regulator that acts as repressor or activator (PubMed:8887638). Binds to Maf recognition elements (MARE) (PubMed:8887638). Plays an important role in coordinating transcription activation and repression by MAFK (PubMed:8887638). Induces apoptosis in response to oxidative stress through repression of the antiapoptotic factor HMOX1 (By similarity). Positively regulates the nuclear import of actin (PubMed:26021350). [UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Bach2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.