

Product datasheet for TP510390

Bach1 (NM_007520) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse BTB and CNC homology 1, basic leucine zipper transcription factor 1 (Bach1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210390 representing NM_007520 Red=Cloning site Green=Tags(s)

MSVSES AVFAYESSVHSTNVLLSLNDQRKKDVLCDVTVLVEGQRFRAHRSVLAACSSYFHSRIVGQTDAE
 LTVTLPEEVTVKGFELIQFAYTAKLILSKDNVDEVCRVFLSVHNIEESCFQFLKFKFLDSTSEQQEC
 ARKKCFSSHQKADFKFSFSEQKLEIDEADEFLEKKRVQTPQCDSRRCQGSVKASPLQDSVSVQACQSL
 CTDKDGALALPSLCPKYRKFQKAFGTDKIRTLESQVDRVHTASVQPNETSELECFGGAQGCADLHVILKC
 EGMKAAMESEDTEGQDPSPQCPAEQPQGTPLPQDSAGPHGLYSLSALHTYEQSGDVAFAGVQSKTVKTEK
 PLSRPAQDEKPSENQDLYLKSSMGPKEDSSSLASEDRSSVEREVAEHLAKGFWSDICSTDSPCQMQLSP
 TVAKDGPEQGYQRSECPWLGIRISESPEPGQRTFTLLSSVNCPISTLSSEGCSSNLEIGNYDYVSEP
 QQEPCPYACVISLGDDSETDTEGDSSECSAREQDCEVKLPFNAQRIISLRNDFQSLKMHKLTPEQLDC
 IHDIRRRSKNRIAAQRCRKRKLDICIQNLESEIEKLQSEKESLLKERDHILSTLGETKQNLTLGLCQQVCKE
 AALSPEQIQILAKYSASDCPLSFLISEKKGKSTPDGELAFTSVFSVSDVPPTAPPPCGRGSSAASQELVQE
 SPPTTAAAPEQATLLEPCRQSAGISDFCQMQMSDKCTTDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	81.8 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_031546
Locus ID:	12013
UniProt ID:	P97302 , Q3US24 , Q3URL4
RefSeq Size:	5858
Cytogenetics:	16 C3.3
RefSeq ORF:	2217
Synonyms:	6230421P05Rik; AI323795
Summary:	Transcriptional regulator that acts as repressor or activator, depending on the context (PubMed:8887638, PubMed:19170764). Binds to NF-E2 DNA binding sites (PubMed:8887638, PubMed:19170764). Play important roles in coordinating transcription activation and repression by MAFK (PubMed:8887638). Together with MAF, represses the transcription of genes under the control of the NFE2L2 oxidative stress pathway (By similarity). [UniProtKB/Swiss-Prot Function]