

Product datasheet for **TP524036**

Zbtb17 (NM_009541) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse zinc finger and BTB domain containing 17 (Zbtb17), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224036 protein sequence Red =Cloning site Green =Tags(s)

MDFPQHSQRVLEQLNQQRQLGLLCDCTFVDGVDFKAHKAVLAACSEYFKMLFVDQKDWVHLDISNAAGL
GQVLEFMYTAKLSLSPENVDDVLAVASFLQMQDIVTACHTLKSLAEPSTTGESADASAVEGGDKRAKDE
KAAATML SRLGQARGSSSTGPGRELKEERGQAESASSGAEQTEKADAPREPPVLPDPTSSMAAAEA
EALSESEQEMEVEPASKGEDGQEEEGAGPATVKEEGMHLDN GEPPEENEESAGTDSGQELGMEGQNLRS
GTYGDRTESKAYGSIHKCEDCGKEFTHTGNFKRHIRIHTGEKPFSCRECSKAFSDPAACKAHEKTHSPL
KPYGCCECGKSYRLISLLNLHKKRHSGEARYRCGDCGKLF TTSGNLKRHQLVHSGQKPYQCDYCGRSFSD
PTSKMRHLETHD TDKEHKCPHCDKKNQVGNLKAHLKIHIADGPLKCRECGKQFTTSGNLKRHLRIHSGE
KPYVCTHCQRQFADPGALQRHVRIHTGEKPCQCVICGKAFTQASSLIAHV RQHTGEKPYVCERCGRKFVQ
SSQLANHIRHHDNIRPHKCSVCSKAFVNVGDL SKHIIIHTGEKPYLCKCGRGNRVDNLRSHVKT VHQG
KAGIKILEPEEGGEVSVTVDDMVTLATEALAAV TQLTVPVGA AVTADETEV LKAEISKAVKQVQEE
DPNTHILYACDSCGDKFLDANSLAQHVRIHTAQALVMFQTDADFYQQYGP GSTWPAGQMLQAGELVFRPR
DGTEGQPTLAESPPTAPDCLPPAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	86.7 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_033567
Locus ID:	22642
UniProt ID:	Q60821 , A6H6B9
RefSeq Size:	3415
Cytogenetics:	4 D3
RefSeq ORF:	2385
Synonyms:	AA589413; Lp-1; Miz1; mZ13; Zfp100
Summary:	<p>Transcription factor that can function as an activator or repressor depending on its binding partners, and by targeting negative regulators of cell cycle progression. Has been shown to bind to the promoters of adenovirus major late protein and cyclin D1 and activate transcription. Required for early embryonic development during gastrulation. Plays a critical role in early lymphocyte development, where it is essential to prevent apoptosis in lymphoid precursors, allowing them to survive in response to IL7 and undergo proper lineage commitment. Represses RB1 transcription; this repression can be blocked by interaction with ZBTB49 (By similarity).[UniProtKB/Swiss-Prot Function]</p>