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Product datasheet for TP508365

Zbtb18 (NM_013915) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse zinc finger and BTB domain containing 18 (Zbtb18), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208365 protein sequence Red=Cloning site Green=Tags(s) MEFPDHSRHLLQCLSEQRHQGFLCDCTVLVGDAQFRAHRAVVASCSMYFHLFYKDQLDKRDIVHLNSDI V TAPAFALLLEFMYEGKLQFKDLPIEDVLAAASYLHMYDIVKVCKKKLKEKATTEADSTKKEEDASSCSDK VESLSDGSSHMAGDLPSDEDEGEDDKLNILPSKRDLAAEPGNMWMRLPSDSAGIPQAGGEAEPHATAAG K TVASPCSSTESLSQRSVTSVRDSADVDCVLDLSVKSSLSGVENLNSSYFSSQDVLRSNLVQVKVEKEASC DESDVGTNDYDMEHSTVKESVSTNNRVQYEPAHLAPLREDSVLRELDREDKASDDEMMTPESERVQVEG G MENSLLPYVSNILSPAGQIFMCPLCNKVFPSPHILQIHLSTHFREQDGIRSKPAADVNVPTCSLCGKTFS CMYTLKRHERTHSGEKPYTCTQCGKSFQYSHNLSRHAVVHTREKPHACKWCERRFTQSGDLYRHIRKFH C ELVNSLSVKSEALSLPTVRDWTLEDSSQELWK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	58.4 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
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_038943
Locus ID:	30928
UniProt ID:	Q9WUK6
RefSeq Size:	4954
Cytogenetics:	1 H4
RefSeq ORF:	1566
Synonyms:	RP58; zfp-238; Zfp238; Znf238
Summary:	Transcriptional repressor that plays a role in various developmental processes such as myogenesis and brain development. Specifically binds the consensus DNA sequence 5'-[AC]ACATCTG[GT][AC]-3' which contains the E box core, and acts by recruiting chromatin remodeling multiprotein complexes. Plays a key role in myogenesis by directly repressing the expression of ID2 and ID3, 2 inhibitors of skeletal myogenesis. Also involved in controlling cell division of progenitor cells and regulating the survival of postmitotic cortical neurons. May also play a role in the organization of chromosomes in the nucleus.[UniProtKB/Swiss-Prot Function]