Recombinant Mouse Zbtb17 Protein, Myc/DDK-tagged

Cat. No. Zbtb17-7050M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse zinc finger and BTB domain containing 17 (Zbtb17), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	86.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Zbtb17 zinc finger and BTB domain containing 17 [Mus musculus (house mouse)]
Official Symbol	Zbtb17
Synonyms	Zbtb17; zinc finger and BTB domain containing 17; Miz; Lp-1; Miz1; mZ13; Zfp10; Zfp100; AA589413; zinc finger and BTB domain-containing protein 17; polyomavirus late initiator promoter-binding protein; zfp-100; zinc finger protein 100; zinc finger protein 151; zinc finger protein Z13
Gene ID	22642
mRNA Refseq	NM_009541
Protein Refseq	NP_033567
UniProt ID	Q60821

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