

Recombinant Mouse Hinfp Protein, MYC/DDK-tagged

Cat. No. Hinfp-209M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse histone H4 transcription factor (Hinfp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcriptional repressor that binds to the consensus sequence 5'-CGGACGTT-3' and to the RB1 promoter. Transcriptional activator that promotes histone H4 gene transcription at the G1/S phase transition in conjunction with NPAT. Also activates transcription of the ATM and PRKDC genes. Autoregulates its expression by associating with its own promoter.
Molecular Mass	58.1 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.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Hinfp histone H4 transcription factor [<i>Mus musculus</i> (house mouse)]
Official Symbol	Hinfp
Synonyms	Hinfp; histone H4 transcription factor; Mizf; HiNF-P; AA589481; histone H4 transcription factor; MBD2 (methyl-CpG-binding protein)-interacting zinc finger protein; MBD2-interacting zinc finger protein; histone nuclear factor P; methyl-CpG-binding protein 2-interacting zinc finger protein
Gene ID	102423
mRNA Refseq	NM_172162
Protein Refseq	NP_751894
UniProt ID	Q8K1K9

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