

# Recombinant Human Histone H4 Transcription Factor, T7-tagged

**Cat. No.** HINFP-2942H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human HINFP was produced in <i>E.coli</i> with a T7 tag at N-terminus. MW = 59706 Da (1-517 aa).                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-517 a.a.                                                                                                                                                                                          |
| <b>Description</b>      | MIZF interacts with methyl-CpG-binding protein-2 (MBD2; MIM 603547), a component of the MeCP1 histone deacetylase (HDAC) complex, and plays a role in DNA methylation and transcription repression. |
| <b>Form</b>             | 10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN <sub>3</sub> . 10mM DTT.                                                                                                                          |
| <b>Purity</b>           | 95%.                                                                                                                                                                                                |
| <b>Applications</b>     | MS. SDS.                                                                                                                                                                                            |

## GENE INFORMATION

|                  |                                                                             |
|------------------|-----------------------------------------------------------------------------|
| <b>Gene Name</b> | HINFP histone H4 transcription factor [ Homo sapiens ]                      |
| <b>Synonyms</b>  | HINFP; histone H4 transcription factor; MIZF; HiNF-P; ZNF743; DKFZp434F162; |

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|                            | histone H4 transcription factor; histone nuclear factor P; MBD2-interacting zinc finger 1; MBD2-interacting zinc finger protein; histone H4 gene-specific protein HiNF-P; methyl-CpG-binding protein 2-interacting zinc finger protein; MBD2 (methyl-CpG-binding protein)-interacting zinc finger protein                             |
| <b>Gene ID</b>             | 25988                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>         | NM_015517                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>      | NP_056332                                                                                                                                                                                                                                                                                                                             |
| <b>MIM</b>                 | 607099                                                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>          | Q9BQA5                                                                                                                                                                                                                                                                                                                                |
| <b>Chromosome Location</b> | 11q23.3                                                                                                                                                                                                                                                                                                                               |
| <b>Function</b>            | DNA binding; enzyme binding; histone binding; metal ion binding; promoter binding; protein binding; sequence-specific DNA binding transcription factor activity; specific transcriptional repressor activity; transcription activator activity; transcription coactivator activity; ranscription repressor activity; zinc ion binding |