

## Recombinant Human CEBPZ, His-tagged

**Cat. No.** CEBPZ-26494TH    **Lot. No.** (See product label)

### SPECIFICATION

|                           |                                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>   | Recombinant fragment, corresponding to amino acids 39-147 of Human CBF, fused to a His tag, MW 16.5kDa.                                                                                 |
| <b>Species</b>            | Human                                                                                                                                                                                   |
| <b>Source</b>             | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>      | 39-147 a.a.                                                                                                                                                                             |
| <b>Description</b>        | Core binding factor (CBF) is a heterodimeric transcription factor essential for genetic regulation of hematopoiesis and osteogenesis. Stimulates transcription from the HSP70 promoter. |
| <b>Conjugation</b>        | HIS                                                                                                                                                                                     |
| <b>Form</b>               | Liquid                                                                                                                                                                                  |
| <b>Purity</b>             | >95% by SDS-PAGE                                                                                                                                                                        |
| <b>Storage buffer</b>     | Preservative: None<br>Constituents: 0.1M Sodium chloride, 5mM Beta mercaptoethanol, 20mM Tris HCl, pH 7.5                                                                               |
| <b>Storage</b>            | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.                                                                                                   |
| <b>Sequences of amino</b> | MRGSHHHHHH GMASMTGGQQ MGRDLYDDDDKDRWGSMPGG G GKAVAPSKQ                                                                                                                                  |

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**acids** SKKSSPMDRNSDEYRQRRER NNMAVKKSRL KSKQKAQDTLQRVNQLKEEN  
ERLEAKIKLL TKELSVLKDLFLEHAHNLAD NVQSISTENT TADGDN

## GENE INFORMATION

|                            |                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | CEBPZ CCAAT/enhancer binding protein (C/EBP), zeta [ Homo sapiens ]                                   |
| <b>Official Symbol</b>     | CEBPZ                                                                                                 |
| <b>Synonyms</b>            | CEBPZ; CCAAT/enhancer binding protein (C/EBP), zeta; CCAAT/enhancer-binding protein zeta; CBF2; CTF2; |
| <b>Gene ID</b>             | 10153                                                                                                 |
| <b>mRNA Refseq</b>         | NM_005760                                                                                             |
| <b>Protein Refseq</b>      | NP_005751                                                                                             |
| <b>MIM</b>                 | 612828                                                                                                |
| <b>Uniprot ID</b>          | Q03701                                                                                                |
| <b>Chromosome Location</b> | 2p22.3                                                                                                |
| <b>Pathway</b>             | Direct p53 effectors, organism-specific biosystem;                                                    |
| <b>Function</b>            | DNA binding; binding;                                                                                 |

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