

# Recombinant Mouse Cbx3 Protein, His-tagged

**Cat. No.** Cbx3-595M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant Mouse Cbx3(Met1~Gln183) fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                               |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Met1~Gln183                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 22.4kDa                                                                                                                                                                                                                                                                                                                                      |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.<br>If bio-activity of the protein is needed, please check active protein                                                                                                                                                                                                                          |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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| <b>Storage</b> | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
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| <b>Reconstitution</b> | Reconstitute in PBS or others |
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## GENE INFORMATION

|                  |                                                                  |
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| <b>Gene Name</b> | Cbx3 chromobox homolog 3 (Drosophila HP1 gamma) [ Mus musculus ] |
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| <b>Official Symbol</b> | Cbx3 |
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| <b>Synonyms</b> | CBX3; chromobox homolog 3 (Drosophila HP1 gamma); chromobox protein homolog 3; HP1 gamma; modifier 2 protein; heterochromatin protein 1 gamma; heterochromatin protein 1 homolog gamma; M32; HP1g; MGC118084; |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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| <b>Gene ID</b> | 12417 |
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| <b>mRNA Refseq</b> | NM_007624 |
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| <b>Protein Refseq</b> | NP_031650 |
|-----------------------|-----------|

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