

## Recombinant Mouse Cbx1 Protein, MYC/DDK-tagged

Cat. No. Cbx1-792M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse chromobox 1 (Cbx1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Component of heterochromatin. Recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression. Interaction with lamin B receptor (LBR) can contribute to the association of the heterochromatin with the inner nuclear membrane.
<b>Molecular Mass</b>	21.9 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Gene Name</b>	<a href="#">Cbx1 chromobox 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Cbx1</a>
<b>Synonyms</b>	Cbx1; chromobox 1; Cbx; M31; HP1B; MOD1; Cbx-rs2; Hp1beta; E430007M08Rik; chromobox protein homolog 1; chromobox homolog 1; heterochromatin protein 1 homolog beta; heterochromatin protein p25; modifier 1 protein
<b>Gene ID</b>	<a href="#">12412</a>
<b>mRNA Refseq</b>	<a href="#">NM_007622</a>
<b>Protein Refseq</b>	<a href="#">NP_031648</a>
<b>UniProt ID</b>	<a href="#">P83917</a>

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