

Recombinant Mouse Cbx1 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse chromobox 1 (Cbx1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	21.9 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 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Cbx1 chromobox 1 [Mus musculus (house mouse)]
Official Symbol	Cbx1
Synonyms	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
Gene ID	12412
mRNA Refseq	NM_007622
Protein Refseq	NP_031648
UniProt ID	P83917

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