

## Product datasheet for TP525746

### Cbx1 (NM\_007622) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chromobox 1 (Cbx1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225746 representing NM_007622 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MGKKQNKKKVEEVLEEEEEYVVEKVLDRRWKKGKVEYLLKWKGFSDDEDNTWEPEENLDCPDLIAEFLQS QKTAHETDKSEGGKRKADSDSEDKGEESKPKKKKEESEKPRGFARGLEPERIIGATDSSGELMFLMKWKN SDEADLVPAKEANVKCPQVVISFYERLTWHSYPSEDDDKKDDKN
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	21.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_031648</a>
Locus ID:	12412
UniProt ID:	<a href="#">P83917</a>
RefSeq Size:	1274
Cytogenetics:	11 60.11 cM



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RefSeq ORF: 555

Synonyms: Cbx; Cbx-rs2; E430007M08Rik; HP1B; Hp1beta; M31; MOD1

Summary: 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.[UniProtKB/Swiss-Prot Function]