Recombinant Human CBX1 protein, GST-tagged

Cat. No. CBX1-253H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CBX1(1-185 aa) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-185 a.a.
Description	HP1β is a component of constitutive (transcriptionally silent) heterochromatin, recruited through the interaction of the Chromodomain with histone H3 methylated at lysing 9 (H3K9me).
Form	In 50 mM Tris-HCl pH 7.0, 300 mM NaCl, 1 mM DTT, 10% glycerol.
Molecular Mass	49 kDa
Notes	HP1β Chromodomain, Recombinant Human is useful for protein binding and screening experiments examining methylated protein and peptide substrates.
Storage	Stable for six months at -80 centigrade from date of receipt. For best results, aliquot and avoid multiple freeze/thaws.
Concentration	1 mg/ml

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GENE INFORMATION

Gene Name	CBX1 chromobox homolog 1 [Homo sapiens]
Official Symbol	CBX1
Synonyms	CBX1; chromobox homolog 1; chromobox homolog 1 (Drosophila HP1 beta); chromobox protein homolog 1; CBX; HP1 beta homolog (Drosophila); HP1 BETA; HP1Hs beta; M31; MOD1; HP1 beta homolog; modifier 1 protein; heterochromatin protein 1-beta; heterochromatin protein p25 beta; heterochromatin protein 1 homolog beta; chromobox homolog 1 (HP1 beta homolog Drosophila); p25beta; HP1-BETA; HP1Hsbeta; HP1Hs-beta;
Gene ID	10951
mRNA Refseq	NM_001127228
Protein Refseq	NP_001120700
MIM	604511
UniProt ID	P83916
Chromosome Location	17q21.32

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