

Recombinant Human CBX1 293 Cell Lysate

Cat. No. CBX1-7807HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for chromobox homolog 1 (HP1 beta homolog Drosophila) (CBX1), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

Function

chromatin binding; enzyme binding; identical protein binding; protein binding;

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