Human CBX2 Knockdown Cell Lysate

Cat. No. CBX2-091HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CBX2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a component of the polycomb multiprotein complex, which is required to maintain the transcriptionally repressive state of many genes throughout development via chromatin remodeling and modification of histones. Disruption of this gene in mice results in male-to-female gonadal sex reversal. Mutations in this gene are also associated with gonadal dysgenesis in humans. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	56 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CBX2 KD HeLa cell lysate
Protein Families	Transcription Factors
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	CBX2 chromobox 2 [Homo sapiens (human)]
Official Symbol	CBX2
Synonyms	CBX2; chromobox 2; M33; CDCA6; SRXY5; chromobox protein homolog 2; Pc class homolog; cell division cycle associated 6; chromobox homolog 2 (Pc class homolog, Drosophila); modifier 3
Gene ID	84733
mRNA Refseq	NM_005189
Protein Refseq	NP_005180
MIM	602770
UniProt ID	Q14781

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