

Recombinant Human CBX2 Protein, GST-Tagged

Cat. No. CBX2-0479H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CBX2 full-length ORF (ABZ92071.1, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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.[provided by RefSeq, Mar 2010]
Molecular Mass	23.3 kDa
AA Sequence	MEELSSVGEQVFAAECILSKRLRKGKLEYLVKWRGWSSKHNSWEPEENILDPRLLL AFQKKEHEKEVQNRKRGKRPRGRPRKLTAMSSCSRSLKLVGGCAGYADPTSQH PLGVGGRQREGLGPSGRGWHFCQQSVPLLKGQEPFFLSLSFCCQGPQPAESSS PPLPGASCFSLSCTPLCWVAGSNCCRQALFPPRGS LGDGKEQEACVQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CBX2 chromobox homolog 2 (Pc class homolog, Drosophila) [Homo sapiens]
Official Symbol	CBX2
Synonyms	CBX2; chromobox homolog 2 (Pc class homolog, Drosophila); CDCA6, cell division cycle associated 6, chromobox homolog 2 (Drosophila Pc class); MGC10561; Pc class homolog (Drosophila); M33; CDCA6;
Gene ID	84733
mRNA Refseq	NM_005189
Protein Refseq	NP_005180
MIM	602770
UniProt ID	Q14781

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