

# Recombinant Full Length Human CBX2 Protein, GST-tagged

Cat. No. CBX2-2779HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CBX2 full-length ORF (ABZ92071.1, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	211 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	23.3 kDa
<b>AA Sequence</b>	MEELSSVGEQVFAAECILSKRLRKGKLEYLVKWRGWSSKHNSWEPEENILDPRLLL AFQKKEHEKEVQNRKRGRPRGRPRKLTAMSSCSRRSKLKVGGCAGYADPTSQH PLGVGGRQREGLGPSGRGWHFCQQSVPLLKGQEPFFLSLSFCCQGPQPAESSS PPLPGASCFSLSCTPLCWVAGSNCCRQALFPPRGSLGDGKEQEACVQ
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 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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