Recombinant Human CBX2, His-tagged

Cat. No. CBX2-10767H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CBX2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-211a.a.
Description	Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The protein encoded by this gene is expressed predominantly in stomach and small intestine and may have specialized functions in the digestive tract. This gene is thought to be associated with gastric cancer. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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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	876
MIM	602770
UniProt ID	Q14781
Chromosome Location	17q25.3

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