Recombinant Human CBX4, GST-tagged

Cat. No. CBX4-10769H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CBX4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-290a.a.
Description	The protein encoded by this gene may be involved in the transitioning of erythroblasts from a highly proliferative state to a terminal phase of differentiation. High level expression of the encoded protein can lead to apoptosis. Several 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 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CBX4 chromobox homolog 4 [Homo sapiens]
Official Symbol	CBX4

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Synonyms	CBX4; chromobox homolog 4; chromobox homolog 4 (Drosophila Pc class); E3 SUMO-protein ligase CBX4; hPC2; NBP16; NS5ATP1 binding protein 16; Pc class 2 homolog (Drosophila); PC2; Pc class 2 homolog; polycomb 2 homolog; NS5ATP1-binding protein 16; chromobox protein homolog 4; chromobox homolog 4 (Pc class homolog, Drosophila);
Gene ID	8535
mRNA Refseq	NM_003655
Protein Refseq	NP_003646
MIM	603079
UniProt ID	O00257
Chromosome Location	17q25.3
Pathway	C-MYB transcription factor network, organism-specific biosystem; Regulation of retinoblastoma protein, organism-specific biosystem;
Function	chromatin binding; enzyme binding; methylated histone residue binding; phosphoprotein binding; protein binding; single-stranded RNA binding; transcription corepressor activity;

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