

Recombinant Human CBX5 protein, T7/His-tagged

Cat. No. CBX5-154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CBX5 cDNA (190 aa) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGGEFGKKTARTADSSSEDEEEYVVEKVL DRRVVKGQVEYLLKWKGFSEE HNTWEPEKNLDCPELISEFMKKYKKMKEGENNKP REKSESNNRKSNSFSNSADDIKSKKKREQSNDIARGFERGLE PEKIIGATDSCGDLMF LMKWKDTDEADLVLAKEANVKCPQIVIAFYEEERLTWHAYPEDAENKEKETAKS
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

Gene Name	CBX5 chromobox homolog 5 [Homo sapiens]
Official Symbol	CBX5

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Synonyms	CBX5; chromobox homolog 5; chromobox homolog 5 (Drosophila HP1 alpha) , chromobox homolog 5 (HP1 alpha homolog, Drosophila); chromobox protein homolog 5; HP1; HP1 alpha homolog (Drosophila); HP1 ALPHA; HP1Hs alpha; HP1-ALPHA; antigen p25; HP1 alpha homolog; heterochromatin protein 1-alpha; heterochromatin protein 1 homolog alpha; chromobox homolog 5 (HP1 alpha homolog, Drosophila); HP1A;
Gene ID	23468
mRNA Refseq	NM_001127321
Protein Refseq	NP_001120793
MIM	604478
UniProt ID	P45973
Chromosome Location	12q13.13
Pathway	Aurora B signaling, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	chromatin binding; enzyme binding; histone deacetylase binding; methylated histone residue binding; protein binding; protein binding, bridging; repressing transcription factor binding;