

Recombinant Human CBX5 Protein, MYC/DDK-tagged

Cat. No. CBX5-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human chromobox homolog 5 (HP1 alpha homolog, Drosophila) (CBX5), transcript variant 3 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family. The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The encoded product is involved in the formation of functional kinetochore through interaction with essential kinetochore proteins. The gene has a pseudogene located on chromosome 3. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Molecular Mass	22 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name CBX5 chromobox 5 [Homo sapiens (human)]

Official Symbol CBX5

Synonyms

CBX5; chromobox 5; HP1; HP1A; HEL25; chromobox protein homolog 5; HP1 alpha homolog; HP1-ALPHA; HP1Hs alpha; antigen p25; chromobox homolog 5 (HP1 alpha homolog, Drosophila); epididymis luminal protein 25; heterochromatin protein 1 homolog alpha; heterochromatin protein 1-alpha

Gene ID 23468

mRNA Refseq NM_012117

Protein Refseq NP_036249

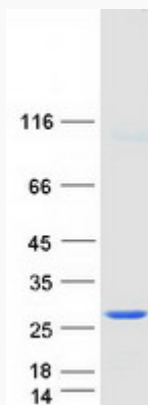
MIM 604478

UniProt ID P45973

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA