

## CBX5 抗原（重组蛋白）

中文名称：CBX5 抗原（重组蛋白）

英文名称：CBX5 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 1-191 amino acids of human CBX5

技术规格

<b>Full name:</b>	chromobox 5
<b>Synonyms:</b>	HP1; HP1A; HEL25
<b>Swissprot:</b>	P45973
<b>Gene Accession:</b>	BC006821
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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

ne located on chromosome 3. Multiple alternatively spliced variants, encoding the same protein, have been identified.