

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

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