

Chromobox protein homolog 1 (CBX1) Recombinant Protein | CBX1 recombinant protein

Recombinant Human Chromobox protein homolog 1 (CBX1)

CATALOG # AAA113591	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Chromobox protein homolog 1 (CBX1); Recombinant Human Chromobox protein homolog 1 (CBX1); CBX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-185, Full length protein
Sequence	MGKKQNKKKV EEVLEEEEE YVVEKVLDRR VVKGKVEYLL KWKGFSDEDN TWEPEENLDC PDLIAEFLQS QKTAHETDKS EGGKRKADSD SEDKGEEKP KKKKEESEKP RGFARGLEPE RIIGATDSSG ELMFLMKWKN SDEADLVPK EANKCPQVV ISFYERLTW HSYPSEDDDK KDDKN
Sequence Length	185
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CBX1 recombinant protein	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 protein may play an important role in the epigenetic control of chromatin structure and gene expression. Several related pseudogenes are located on chromosomes 1, 3, and X. Multiple alternatively spliced variants, encoding the same protein, have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187960037
NCBI GeneID	10951
NCBI Accession #	NP_001120700.1
NCBI GenBank Nucleotide #	NM_001127228.1
UniProt Accession #	P83916; P23197
Molecular Weight	21,418 Da
NCBI Official Full Name	chromobox protein homolog 1
NCBI Official Synonym Full Names	chromobox 1
NCBI Official Symbol	CBX1

NCBI Official Synonym Symbols	CBX; M31; MOD1; p25beta; HP1-BETA; HP1Hsbeta; HP1Hs-beta
NCBI Protein Information	chromobox protein homolog 1
UniProt Protein Name	Chromobox protein homolog 1
UniProt Gene Name	CBX1
UniProt Synonym Gene Names	CBX; HP1 beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cbx1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113591>