

CBX3 recombinant protein

CBX3, 1-183aa, Human, His tag, E Coli

CATALOG # AAA48774	HOST E Coli	APPLICATIONS SDS-Page
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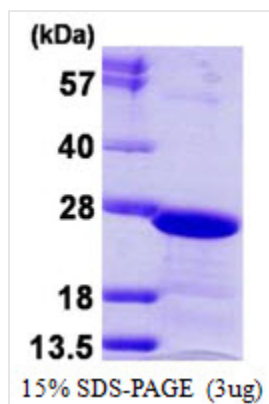
PRODUCT SYNONYMS

CBX3, 1-183aa; Human; His tag; E Coli; Chromobox protein homolog 3; HECH; HP1-GAMMA; HP1Hs-gamma; CBX3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSHTMASNKT TLQKMGGKKQN GKSKKVVEAE PEEFVVEKVL DRRVVNGKVE YFLKWKGFDT ADNTWEPEEN LDCPELIEAF LNSQKAGKEK DGTKRKSLSLSD SESDDSKSKK KRDAADKPRG FARGLDPERI IGATDSSGEL MFLMKWKDSD EADLVLAKEA NMKCPQIVIA FYEERLTWHS CPEDEAQ
Sequence Length	183
Applicable Applications for CBX3 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CBX3 recombinant protein	CBX3, also known as chromobox protein homolog 3, seems to be involved in transcriptional silencing in heterochromatin-like complexes. This protein recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression. It involved in the formation of functional kinetochore through interaction with MIS12 complex proteins. Recombinant human CBX3 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for CBX3 recombinant protein	Epigenomics
References	Koike N., et al. (2000) FEBS Lett. 467:17-21; Lachner M., et al. (2001) Nature. 410:116-120;

NCBI AND UNIPROT INFORMATION

NCBI GI #	20544151
NCBI GeneID	11335
NCBI Accession #	NP_057671
NCBI GenBank Nucleotide #	NM_016587.3
UniProt Accession #	Q13185; Q96CD7; Q99409; Q9BVS3; Q9P0Z6
Molecular Weight	23.4 kDa (207aa), confirmed by MALDI-TOF
NCBI Official Full Name	chromobox protein homolog 3
NCBI Official Synonym Full Names	chromobox 3
NCBI Official Symbol	CBX3
NCBI Official Synonym Symbols	HECH; HP1-GAMMA; HP1Hs-gamma
NCBI Protein Information	chromobox protein homolog 3
UniProt Protein Name	Chromobox protein homolog 3
UniProt Gene Name	CBX3
UniProt Synonym Gene Names	HP1 gamma

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/cbx3-recombinant-protein-e-coli-sds-page/48774>