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32-3427: CBX3 Recombinant Protein

Alternative Name : Chromobox homolog 3 (Drosophila HP1 gamma),Heterochromatin protein 1 homolog gamma,Modifier 2 protein,HP1 gamma homolog,HECH,HP1Hs-gamma.

Description

Source : E.coli. CBX3 Human Recombinant produced in E. coli is a single polypeptide chain containing 207 amino acids (1-183) and having a molecular mass of 23.4kDa.CBX3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CBX3 takes part in transcriptional silencing in heterochromatin-like complexes. CBX3 identifies and binds histone H3 tails methylated at 'Lys-9', thereby create an epigenetic repression. Additionally, CBX3 takes part in the formation of functional kinetochore by interacting with MIS12 complex proteins.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The CBX3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 1mM DTT and 20% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMASNKT TLQKMGKKQN GKSKKVEEAE PEEFVVEKVL DRRVVNGKVE YFLKWKGFTD ADNTWEPEEN LDCPELIEAF LNSQKAGKEK DGTKRKSLSD SESDDSKSKK KRDAADKPRG FARGLDPERI IGATDSSGEL MFLMKWKDSD EADLVLAKEA NMKCPQIVIA FYEERLTWHS CPEDEAQ.

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