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32-3428: CBX5 Recombinant Protein

Alternative Name : Chromobox homolog 5 (HP1 alpha homolog,Drosophila),Heterochromatin protein 1 homolog alpha,HP1Hs alpha,HP1 alpha homolog.

Description

Source : E.coli. CBX5 Human Recombinant produced in E. coli is a single polypeptide chain containing 215 amino acids (1-191) and having a molecular mass of 24.8kDa.CBX5 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CBX5 belongs to the heterochromatin protein family. CBX5 is enriched in the heterochromatin and linked with centromeres. CBX5 takes part in the creation of functional kinetochore by interaction with important kinetochore proteins. CBX5 has a pseudogene situated on chromosome 3. Additionaly, The CBX5 proteins reconnect with chromatin at the end of mitosis, as Histone H3 is dephosphorylated.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The CBX5 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 1mM DTT and 30% 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 MGSHMGKKTK RTADSSSSED EEEYVVEKVL DRRVVKGQVE YLLKWKGFSE EHNTWEPEKN LDCPELISEF MKKYKKMKEG ENNKPREKSE SNKRKSNFSN SADDIKSKKK REQSNDIARG FERGLEPEKI IGATDSCGDL MFLMKWKDTD EADLVLAKEA NVKCPQIVIA FYEERLTWHA YPEDAENKEK ETAKS.

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