

Chromobox Homolog 3 Human Recombinant

Item Number	rAP-3010
Synonyms	Chromobox homolog 3 (Drosophila HP1 gamma), Heterochromatin protein 1 homolog gamma, Modifier 2 protein, HP1 gamma homolog, HECH, HP1Hs-gamma.
Description	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.
Uniprot Accession Number	Q13185
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHTMASNKT TLQKMGKKQN GSKKVEEAE PEEFVVEKVL DRRVVNGKVE YFLKWKGFTD ADNTWEPEEN LDCPELIEAF LNSQKAGKEK DGTKRKSLSD SESDDSKSKK KRDAADKPRG FARGLDPERI IGATDSSGEL MFLMKWKDSD EADLVLAKEA NMKCPQIVIA FYEERLTWHS CPEDEAQ.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The CBX3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**