

## Chromobox Homolog 1 Human Recombinant

<b>Item Number</b>	rAP-3012
<b>Synonyms</b>	Chromobox homolog 1, CBX, M31, HP1-BETA, HP1Hs-beta, MOD1, Heterochromatin protein 1 homolog beta, Modifier 1 protein, p25beta, Chromobox homolog 1 (Drosophila HP1 beta), Heterochromatin protein p25.
<b>Description</b>	CBX1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 205 amino acids (1-185) and having a molecular mass of 23.6kDa (molecular weight on SDS-PAGE will appear higher). The CBX1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary
<b>Uniprot Accession Number</b>	P83916
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGKKQNKKKV EEVLEEEEE YVVEKVLDRR VVKGKVEYLL KWKGFSDN TWEPEENLDC PDLIAEFLQS QKTAHETDKS EGGKRKADSD SEDKGEESKP KKKKEESEKP RGFARGLEPE RIIGATDSSG ELMFLMKWKN SDEADLVPK EANKCPQVV ISFYEERLTW HSYPSDDDK KDDKN
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	CBX1 is supplied as a sterile filtered clear 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.
<b>Formulation and Purity</b>	CBX1 protein 1mg/ml is supplied in 20mM Tris-HCl, pH-8, 0.1M NaCl, 2mM DTT and 20% Glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**