

Chromobox Homolog 5 Human Recombinant

Item Number	rAP-3011
Synonyms	Chromobox homolog 5 (HP1 alpha homolog, Drosophila), Heterochromatin protein 1 homolog alpha, HP1Hs alpha, HP1 alpha homolog.
Description	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.
Uniprot Accession Number	P45973
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMGKTK RTADSSSSSED EEEYVVEKVL DRRVVKQVE YLLK-WKGFSE EHNTWEPEKN LDCPELISEF MKKYKKMKEG ENNKPREKSE SNKRKSNFSN SADDIKSKKK REQSNDIARG FERGLEPEKI IGATDSCGDL MFLMKWKD TD EADLVLAKEA NVKCPQIVIA FYEERLTWHA YPEDAENKEK ETAKS.
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 CBX5 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 30% 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**