9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CBX3 Human

Chromobox Homolog 3 Human Recombinant
RCP0346

Product Overview

Name	CBX3 Human
Description	
Chromobox Homolog 3 Human Recombinant	
Accession (Primary)	Q13185
Synonyms	
Chromobox homolog 3 (Drosophila HP1 gamma), Heterochromatin protein 1 homolog gamma, Modifier 2 protein, HP1 gamma homolog, HECH, HP1Hs-gamma.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The CBX3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 1mM DTT and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MASNKT TLQKMGKKQN GKSKKVEEAE PEEFVVEKVL DRRVVNGKVE YFLKWKGFTD ADNTWEPEEN LDCPELIEAF LNSQKAGKEK DGTKRKSLSD SESDDSKSKK KRDAADKPRG FARGLDPERI IGATDSSGEL MFLMKWKDSD EADLVLAKEA NMKCPQIVIA FYEERLTWHS CPEDEAQ.	
Precautions	
CBX3 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (Q13185)