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

CBX5 Human

Chromobox Homolog 5 Human Recombinant
RCP0347

Product Overview

Name	CBX5 Human
Description	
Chromobox Homolog 5 Human Recombinant	
Accession (Primary)	P45973
Synonyms	
Chromobox homolog 5 (HP1 alpha homolog, Drosophila), Heterochromatin protein 1 homolog alpha, HP1Hs alpha, HP1 alpha homolog.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The CBX5 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 1mM DTT and 30% 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 MGKKTK RTADSSSSED EEEYVVEKVL DRRVVKGQVE YLLKWKGFSE EHNTWEPEKN LDCPELISEF MKKYKKMKEG ENNKPREKSE SNKRKSNFSN SADDIKSKKK REQSNDIARG FERGLEPEKI IGATDSCGDL MFLMKWKDTD EADLVLAKEA NVKCPQIVIA FYEERLTWHA YPEDAENKEK ETAKS.	
Precautions	

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

CBX5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P45973)