

CBX5, 1-191aa, Human, His tag, E.coli

Cat.NO.: TP01441

3th Edition

Synonyms:Chromobox homolog 5, HP1, HP1A.

Description:Chromobox homolog 5, also known as CBX5, is a member of the heterochromatin protein family. The protein is enriched in the heterochromatin and associated with centromeres. CBX5 is involved in the formation of functional kinetochore through interaction with essential kinetochore proteins.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl

Molecular Weight:24.8 kDa (215aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMGKTKRTADSSSEDEEEYVVEKVLDRRVVKGQVEYLLKWKGFSEEHN
TWEPEKNLDCPELISEFMKKYKMKKEGENNKPREKSESNKRKSNSNSADDIKSKKKREQSNDIARGFERGLEPEK
IIGATDSCGDLMLMKWKDTDEADLVLAKEANVKCPQIVIAFYEEERLTWHAYPEDAENKEKETAKS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.