

**CBX3, 1-183aa, Human, His tag, E.coli**

**Cat.NO.: TP01440**

3th Edition

**Synonyms:**Chromobox protein homolog 3, HECH, HP1-GAMMA, HP1Hs-gamma.

**Description:**CBX3, also known as chromobox protein homolog 3, seems to be involved in transcriptional silencing in heterochromatin-like complexes. This protein recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

**Molecular Weight:**23.4 kDa (207aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMASNKTTLQKMGKKQNGKSKKVVEAEPEEFVVEKVLDRRVVNGKVEYFL  
KWKGFTDADNTWEPEENLDCPELIEAFLNSQKAGKEKDGTKRKSLSDSESDDSKSKKKRDAADKPRGFARGLDPE  
RIIGATDSSGELMFLMKWKDSDEADLVLAKEANMKCPQIVIAFYEERLTWHSCPEDEAQ

**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.