

Recombinant Human CBX3 protein, GST-tagged

Cat. No. CBX3-10769H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CBX3 protein(1-183 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-183 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.0). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MASNKTTLQKMGGKQNGKSKKVEEAEPEEFVVEKVLDRRVVNGKVEYFLKWKGFT DADNTWEPEENLDCPELIEAFLNSQKAGKEKDGTGRKSLSDSESDDSKSKKKRDAA DKPRGFARGLDPERIIGATDSSGELMFLMKWKDSDEADLVLAKEANMKCPQIVIAFY EERLTWHSCPEDEAQ
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After

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reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name CBX3 chromobox homolog 3 [Homo sapiens]

Official Symbol CBX3

Synonyms CBX3; chromobox homolog 3; chromobox homolog 3 (Drosophila HP1 gamma); chromobox protein homolog 3; HP1 gamma homolog (Drosophila); HP1Hs gamma; HP1 gamma homolog; modifier 2 protein; heterochromatin-like protein 1; heterochromatin protein HP1 gamma; heterochromatin protein 1 homolog gamma; chromobox homolog 3 (HP1 gamma homolog, Drosophila); HECH; HP1-GAMMA; HP1Hs-gamma;

Gene ID 11335

mRNA Refseq NM_007276

Protein Refseq NP_009207

MIM 604477

UniProt ID Q13185

SDS-PAGE

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