Recombinant Human HIST1H2BO Protein, MYC/DDK-tagged

Cat. No. HIST1H2BO-418H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H2BO fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2B family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	13.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	HIST1H2BO histone cluster 1, H2bo [Homo sapiens]
Official Symbol	HIST1H2BO
Synonyms	HIST1H2BO; histone cluster 1, H2bo; H2B histone family, member N , H2BFN, histone 1, H2bo; histone H2B type 1-O; H2B.2; H2B/n; histone H2B.2; histone H2B.n; histone 1, H2bo; H2B histone family, member N; H2BFN; dJ193B12.2; MGC119806;
Gene ID	8348
mRNA Refseq	NM_003527
Protein Refseq	NP_003518
MIM	602808
UniProt ID	P23527

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