Recombinant Human HIST1H2BL Protein, MYC/DDK-tagged

Cat. No. HIST1H2BL-431H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H2BL 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	13.8 kDa
Identity	Has broad antibacterial activity. May contribute to the formation of the functional antimicrobial barrier of the colonic epithelium, and to the bactericidal activity of amniotic fluid.

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	HIST1H2BL histone cluster 1 H2B family member l [Homo sapiens]
Official Symbol	HIST1H2BL
Synonyms	H2B/c; H2BFC; dJ97D16.4
Gene ID	8340
mRNA Refseq	NM_003519
Protein Refseq	NP_003510
MIM	602800
UniProt ID	Q99880

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