Recombinant Human HIST1H2BH Protein, MYC/DDK-tagged

Cat. No. HIST1H2BH-423H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H2BH 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 large histone gene cluster on chromosome 6.
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	HIST1H2BH histone cluster 1 H2B family member h [Homo sapiens]
Official Symbol	HIST1H2BH
Synonyms	H2B/j; H2BFJ; H2B histone family, member J; histone 1, H2bh; histone H2B.j; histone cluster 1, H2bh
Gene ID	8345
mRNA Refseq	NM_003524
Protein Refseq	NP_003515
UniProt ID	Q93079

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