Recombinant Human HIST1H2BA Protein, MYC/DDK-tagged

Cat. No. HIST1H2BA-427H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H2BA 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. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a testis/sperm-specific member of the histone H2B family. Transcripts from this gene contain a palindromic termination element.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	14 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	HIST1H2BA histone cluster 1, H2ba [Homo sapiens]
Official Symbol	HIST1H2BA
Synonyms	HIST1H2BA; histone cluster 1, H2ba; H2B histone family, member U, (testis specific) , histone 1, H2ba; histone H2B type 1-A; bA317E16.3; H2BFU; STBP; TSH2B; histone 1, H2ba; histone H2B, testis; testis-specific histone H2B; H2B histone family, member U, (testis-specific);
Gene ID	255626
mRNA Refseq	NM_170610
Protein Refseq	NP_733759
MIM	609904
UniProt ID	Q96A08

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