Recombinant Human H2B Histone Protein

Cat. No. H2B-323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length Recombinant Human H2B Histone Protein is produced in E. coli.
Species	Human
Source	E.coli
Description	Histones are the main constituents of the protein part of chromosomes of eukaryotic cells. They are rich in the amino acids arginine and lysine and have been greatly conserved during evolution. Histones pack the DNA into tight masses of chromatin. Two core histones of each class H2A, H2B, H3 and H4 assemble and are wrapped by 146 base pairs of DNA to form one octameric nucleosome. Histone tails undergo numerous post-translational modifications, which either directly or indirectly alter chromatin structure to facilitate transcriptional activation or repression or other nuclear processes.
Form	20 mM sodium phosphate pH 7.0, 0.3 M NaCl, 1mM EDTA, 0.5 mM PMSF and 1 mM DTT.
Purity	Purified using FPLC, >98% purity as determined by SDS-PAGE.
Notes	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
Stability	Guaranteed stable for 2 years from date of receipt when stored properly.

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Storage	Store at -80 centigrade.
Concentration	1 g/μ
Full Length	Full L.

GENE INFORMATION

Gene Name	H2B H2B histone [Homo sapiens]
Official Symbol	H2B
Synonyms	H2B; H2B histone;
Gene ID	3016
	SDS page of the Recombinant Histone H2B. The position of the protein of interest is indicated on the right; the marker (in kDa) is shown on the left.

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