

Recombinant Human HIST3H2A Protein, DDK-tagged

Cat. No. HIST3H2A-132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST3H2A fused with DDK tag at C-terminal was expressed in Insect cell.
Species	Human
Source	Insect Cells
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 member of the histone H2A family. Transcripts from this gene contain a palindromic termination element.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol
Molecular Mass	13.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	HIST3H2A histone cluster 3 H2A [Homo sapiens (human)]
Official Symbol	HIST3H2A
Synonyms	MGC3165; HIST3H2A;
Gene ID	92815
mRNA Refseq	NM_033445
Protein Refseq	NP_254280
MIM	615015
UniProt ID	Q7L7L0

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