

Recombinant Human HIST1H1A Protein, MYC/DDK-tagged

Cat. No. HIST1H1A-231H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H1A fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	Histones are basic nuclear proteins responsible for 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 H1 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	21.7 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	HIST1H1A histone cluster 1, H1a [Homo sapiens]
Official Symbol	HIST1H1A
Synonyms	HIST1H1A; histone cluster 1, H1a; H1 histone family, member 1 , H1F1, histone 1, H1a; histone H1.1; H1.1; H1a; histone 1, H1a; H1 histone family, member 1; H1A; H1F1; HIST1; MGC126642; MGC138345;
Gene ID	3024
mRNA Refseq	NM_005325
Protein Refseq	NP_005316
MIM	142709
UniProt ID	Q02539

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