Recombinant Human HIST1H2AL Protein, HIS-tagged

Cat. No. HIST1H2AL-121H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H2AL fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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 H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3.
Form	50mM Tris, 8M Urea, pH8.0
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

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GENE INFORMATION

Gene Name	HIST1H2AL histone cluster 1, H2al [Homo sapiens]
Official Symbol	HIST1H2AL
Synonyms	HIST1H2AL; histone cluster 1, H2al; H2A histone family, member I , H2AFI, histone 1, H2al; histone H2A type 1; dJ193B12.9; H2A/i; H2A.1; histone H2A/p; histone 1, H2al; histone 1, H2am; H2A histone family, member I; H2A.i; H2AFI; HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AM;
Gene ID	8332
mRNA Refseq	NM_003511
Protein Refseq	NP_003502
MIM	602793
UniProt ID	P0C0S8

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