Recombinant Human HIST1H3J Protein, HIS-tagged

Cat. No. HIST1H3J-125H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H3J 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 H3 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	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	15.2 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	HIST1H3J histone cluster 1 H3 family member j [Homo sapiens (human)]
Official Symbol	HIST1H3J
Synonyms	H3/j; H3FJ; HIST1H3J;
Gene ID	8356
mRNA Refseq	NM_003535.2
Protein Refseq	NP_003526.1
MIM	602817
UniProt ID	P68431

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