

Recombinant Human Histone Cluster 1

Cat. No. HIST1H1C-2088H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H1C produced in <i>E. coli</i> . MW=21kDa.
Species	Human
Source	E.coli
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 member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element.
Purity	≥98% (SDS-PAGE).
Formulation	Lyophilized. Contains PBS.
Term Storage	-20°C.
Handling	Stable for at least 6 months after receipt when stored at -20°C.
Solubility	Soluble in 100% ethanol, methanol, DMSO or aqueous solutions.

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GENE INFORMATION

Gene Name	HIST1H1C histone cluster 1, H1c [Homo sapiens]
Synonyms	HIST1H1C; histone cluster 1, H1c; H1.2; H1F2; MGC3992; histone H1.2; histone H1d; histone 1, H1c; H1 histone family, member 2
Gene ID	3006
mRNA Refseq	NM_005319
Protein Refseq	NP_005310
MIM	142710
UniProt ID	P16403
Chromosome Location	6p21.
Pathway	Apoptosis
Function	DNA binding; protein binding

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