Recombinant Full Length Human HIST1H1C Protein, GST-tagged

Cat. No. HIST1H1C-225HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIST1H1C full-length protein (NP_005310.1, 1 a.a. - 213 a.a.) was expressed with a GST tag at the N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1 a.a. - 213 a.a.
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	47.8 kDa
AA Sequence	MSETAPAAPA AAPPAEKAPV KKKAAKKAGG TPRKASGPPV SELITKAVAA SKERSGVSLA ALKKALAAAG YDVEKNNSRI KLGLKSLVSK GTLVQTKGTG

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	ASGSFKLNKK AASGEAKPKV KKAGGTKPKK PVGAAKKPKK AAGGATPKKS AKKTPKKAKK PAAATVTKKV AKSPKKAKVA KPKKAAKSAA KAVKPKAAKP KVVKPKKAAP KKK
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HIST1H1C histone cluster 1, H1c [Homo sapiens]
Official Symbol	HIST1H1C
Synonyms	HIST1H1C; histone cluster 1, H1c; H1 histone family, member 2 , H1F2, histone 1, H1c; histone H1.2; H1.2; H1c; H1s 1; histone H1d; histone 1, H1c; H1 histone family, member 2; H1C; H1F2; MGC3992
Gene ID	3006
mRNA Refseq	NM_005319
Protein Refseq	NP_005310
MIM	142710
UniProt ID	P16403

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