

Recombinant Human HIST2H3C Protein, HIS-tagged

Cat. No. HIST2H3C-114H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST2H3C fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	<p>Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin 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; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the telomeric copy.</p>
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80 centigrad e. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	15.2 kDa

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Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name HIST2H3C histone cluster 2, H3c [Homo sapiens]

Official Symbol HIST2H3C

Synonyms H3; H3.2; H3/M; H3F2; H3FM; H3FN

Gene ID 126961

mRNA Refseq NM_021059.2

Protein Refseq NP_066403.2

MIM 142780

UniProt ID Q71DI3

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