

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	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.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA