

Recombinant Human HIST1H4K Protein, HIS-tagged

Cat. No. HIST1H4K-127H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H4K 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 H4 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	50mM Tris, 8M Urea, pH8.0
Molecular Mass	11.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

 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

GENE INFORMATION

Gene Name	HIST1H4K histone cluster 1 H4 family member k [Homo sapiens (human)]
Official Symbol	HIST1H4K
Synonyms	H4/d; H4FD; H4F2iii; dJ160A22.1; HIST1H4K;
Gene ID	8362
mRNA Refseq	NM_003541
Protein Refseq	NP_003532
MIM	602825
UniProt ID	P62805

 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