# 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