

Recombinant Human HIST4H4 protein

Cat. No. HIST4H4-490H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST4H4 was expressed in E. coli.
Species	Human
Source	E.coli
Description	Histone H3 combines with Histone H4 to form the H3/H4 tetramer. Two H2A/H2B heterodimers interact with an H3/H4 tetramer to form the histone octamer (1,2). Histone H4 is also modified by various enzymes and can act as a substrate for them. These modifications have been shown to be important in gene regulation.
Form	300 mM NaCl, 1 mM EDTA, 20 mM sodium phosphate, pH 7.0 @ 25 centigrade
Molecular Mass	11236.83 Da
AA Sequence	SGRGK GKGGL GKGGA KRHRK VLRDN IQGIT KPAIR RLARR GGVKR ISGLI YEETR GVLKV FLENV IRDAV TYTEH AKRKT VTAMD VVYAL KRQGR TLYGF GG
Storage	Store at -20 centigrade
Concentration	1 mg/ml

GENE INFORMATION

Gene Name	HIST4H4 histone cluster 4, H4 [Homo sapiens]
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Official Symbol	HIST4H4
Synonyms	HIST4H4; histone cluster 4, H4; histone 4, H4; histone H4; MGC24116; H4/p; HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B;
Gene ID	121504
mRNA Refseq	NM_175054
Protein Refseq	NP_778224
MIM	
UniProt ID	P62805
Chromosome Location	12p12.3
Pathway	Amyloids, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the Centromere, organism-specific biosystem; Disease, organism-specific biosystem; Gene expression, organism-specific biosystem; Meiosis, organism-specific biosystem;