Recombinant Human H1F0 cell lysate

Cat. No. H1F0-2117HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Description	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 member of the histone H1 family.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	H1F0 H1 histone family, member 0 [Homo sapiens]
Official Symbol	H1F0
Synonyms	H1F0; H1 histone family, member 0; H1FV; histone H1.0; H1.0; H1(0); H1 0; H10; histone H1; histone H1(0); H1.0, H1(0), H1-0; MGC5241;

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Gene ID	3005
mRNA Refseq	NM_005318
Protein Refseq	NP_005309
MIM	142708
UniProt ID	P07305
Chromosome Location	22q13.1
Pathway	Activation of DNA fragmentation factor, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis induced DNA fragmentation, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem;
Function	DNA binding;

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