

Recombinant Human H1FOO cell lysate

Cat. No. H1FOO-2118HCL **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. The protein encoded is a member of the histone H1 family. This gene contains introns, unlike most histone genes. The protein encoded is a member of the histone H1 family. The related mouse gene is expressed only in oocytes.

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

H1FOO?H1 histone family, member O, oocyte-specific [?Homo sapiens(human)]

Official Symbol

H1FOO

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Synonyms	H1FOO; H1 histone family, member O, oocyte-specific; osH1; histone H1oo; oocyte-specific histone H1; oocyte-specific linker histone H1
Gene ID	132243
mRNA Refseq	NM_153833
Protein Refseq	NP_722575
UniProt ID	Q8IZA3
Chromosome Location	3q22.1
Function	nucleosomal DNA binding

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