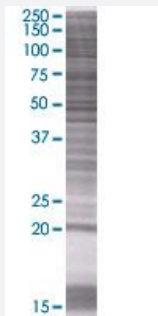


# H1FOO 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00132243-T01

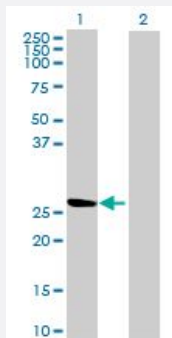
Size 100 uL

## Applications



### SDS-PAGE Gel

H1FOO transfected lysate.



### Western Blot

Lane 1: H1FOO transfected lysate ( 21 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-H1FOO full-length

**Host** Human

**Theoretical MW (kDa)** 21

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-H1FOO antibody ([H00132243-B01](#)) by Western Blots.

SDS-PAGE Gel  
H1FOO transfected lysate.

Western Blot  
Lane 1: H1FOO transfected lysate ( 21 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — H1FOO

**Entrez GeneID**[132243](#)**GeneBank Accession#**[BC047943](#)**Protein Accession#**[AAH47943](#)**Gene Name**

H1FOO

**Gene Alias**

MGC50807, osH1

**Gene Description**

H1 histone family, member O, oocyte-specific

**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

oocyte-specific histone H1