

Recombinant Full Length Human H1F0 Protein, GST-tagged

Cat. No. H1F0-3395HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human H1F0 full-length ORF (NP_005309.1, 1 a.a. - 194 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	194 amino acids
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. [provided by RefSeq
Molecular Mass	47.3 kDa
AA Sequence	MTENSTSAPAAKPKRAKASKKSTDHPKYSDMIVAAIQAENRAGSSRQSIQKYIKSH YKVGENADSQIKLSIKRLVTTGVLKQTKGVGASGSFRLAKSDEPKKSVAFKKTKEIK KVATPKKASKPKKAASKAPTCKPKATPVKKAKKKLAATPKKAKKPKTVKAKPVKASK PKKAKPVKPKAKSSAKRAGKKK
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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;
Gene ID	3005
mRNA Refseq	NM_005318
Protein Refseq	NP_005309
MIM	142708
UniProt ID	P07305

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