

## Recombinant Human H1F0, GST-tagged

Cat. No. H1F0-13640H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human H1F0 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-194a.a.
<b>Description</b>	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.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	H1F0 H1 histone family, member 0 [ Homo sapiens ]
<b>Official Symbol</b>	H1F0
<b>Synonyms</b>	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;
<b>Gene ID</b>	3005
<b>mRNA Refseq</b>	NM_005318
<b>Protein Refseq</b>	NP_005309
<b>MIM</b>	142708
<b>UniProt ID</b>	P07305
<b>Chromosome Location</b>	22q13.1
<b>Pathway</b>	Activation of DNA fragmentation factor, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis induced DNA fragmentation, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem;
<b>Function</b>	DNA binding;

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