

Recombinant Human H1F0, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

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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
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;