

# Recombinant Full Length Human H1FX Protein, GST-tagged

Cat. No. H1FX-3397HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human H1FX full-length ORF ( NP_006017.1, 1 a.a. - 213 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	213 amino acids
<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 encodes a member of the histone H1 family. [provided by RefSeq]
<b>Molecular Mass</b>	48.9 kDa
<b>AA Sequence</b>	MSVELEEALPVTTAEGMAKKVTKAGGSAALSPSKKRKNSKKNQPGKYSQLVVETI RRLGERNGSSLAKIYTEAKKVPWFDDQQNGRTYLYKYSIKALVQNDTLLQVKGTGANG SFKLNRRKKLEGGGERRGAPAAATAPAPTAHKAKKAAPGAAGSRRADKKPARGQKP EQRSHKKGAGAKKDKGGKAKKTAAGGKKVKKAAPSVKVPKGRK
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	H1FX H1 histone family, member X [ Homo sapiens ]
<b>Official Symbol</b>	H1FX
<b>Synonyms</b>	H1FX; H1 histone family, member X; histone H1x; H1X; MGC8350; MGC15959;
<b>Gene ID</b>	8971
<b>mRNA Refseq</b>	NM_006026
<b>Protein Refseq</b>	NP_006017
<b>MIM</b>	602785
<b>UniProt ID</b>	Q92522

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