

## Recombinant Human HIST1H3F Protein, GST-tagged

Cat. No. HIST1H3F-4798H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human HIST1H3F full-length ORF (ADR82713.1, 1 a.a. - 136 a.a.) recombinant protein with GST tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq
<b>Molecular Mass</b>	41.4 kDa
<b>AA Sequence</b>	MARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVALREIRRYQ KSTELLIRKLPFQRLVREIAQDFKTDLRFQSSAVMALQEACEAYLVGLFEDTNLCAIH AKRVTIMPKDIQLARRIRGERA
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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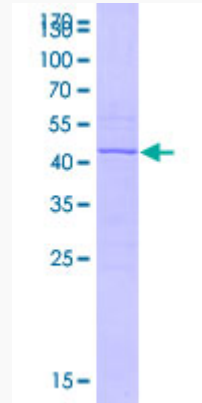
	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	HIST1H3F histone cluster 1 H3 family member f [ Homo sapiens (human) ]
<b>Official Symbol</b>	HIST1H3F
<b>Synonyms</b>	HIST1H3F; histone cluster 1 H3 family member f; H3/i; H3FI; histone H3.1; H3 histone family, member I; histone 1, H3f; histone H3/I; histone cluster 1, H3f
<b>Gene ID</b>	8968
<b>mRNA Refseq</b>	NM_021018
<b>Protein Refseq</b>	NP_066298
<b>MIM</b>	602816
<b>UniProt ID</b>	P68431

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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