

Recombinant Human HIST1H3F Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human HIST1H3F full-length ORF (ADR82713.1, 1 a.a. - 136 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	41.4 kDa
AA Sequence	MARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVALREIRRYQ KSTELLIRKLFPQRLVREIAQDFKTDLRFQSSAVMALQEACEAYLVGLFEDTNLCAIH AKRVTIMPKDIQLARRIRGERA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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

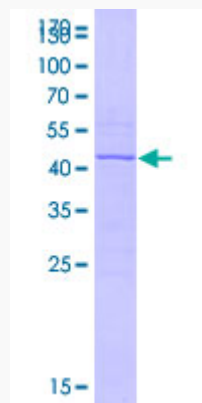
Gene Name	HIST1H3F histone cluster 1 H3 family member f [Homo sapiens (human)]
Official Symbol	HIST1H3F
Synonyms	HIST1H3F; histone cluster 1 H3 family member f; H3/i; H3FI; histone H3.1; H3 histone family, member I; histone 1, H3f; histone H3/I; histone cluster 1, H3f
Gene ID	8968
mRNA Refseq	NM_021018
Protein Refseq	NP_066298
MIM	602816
UniProt ID	P68431

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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