

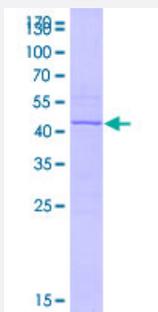
Full-Length

# HIST1H3F (Human) Recombinant Protein (P01)

Catalog # H00008968-P01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human HIST1H3F full-length ORF (ADR82713.1, 1 a.a. - 136 a.a.) recombinant protein with GST tag at N-terminal.
<b>Sequence</b>	MARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVALREIRRYQKSTELLIRKL PFQRLVREIAQDFKTDLRFQSSAVMALQEACEAYLVGLFEDTNLCAIHAKRVTIMPKDIQLARRIRG ERA
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	41.4
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — HIST1H3F

Entrez GeneID [8968](#)

GeneBank Accession# [HQ257959.1](#)

Protein Accession# [ADR82713.1](#)

Gene Name HIST1H3F

Gene Alias H3/i, H3FI

Gene Description histone cluster 1, H3f

Omim ID [602816](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** H3 histone family, member ||OTTHUMP00000016151|histone 1, H3f

## Pathway

- [Systemic lupus erythematosus](#)