

Recombinant Human H3F3B Protein, GST-tagged

Cat. No. H3F3B-4543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human H3F3B full-length ORF (AAH17558, 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. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a member of the histone H3 family. [provided by RefSeq]
Molecular Mass	40.70 kDa
AA Sequence	MARTKQTARKSTGGKAPRKQLATKAARKSAPSTGGVKKPHRYRPGTVALREIRRYQ KSTELLIRKLPFQRLVREIAQDFKTDLRFQSAAGALQEASEAYLVGLFEDTNLCAIHA KRVTIMPKDIQLARRIRGERA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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	H3F3B H3 histone, family 3B (H3.3B) [Homo sapiens]
Official Symbol	H3F3B
Synonyms	H3F3B; H3 histone, family 3B (H3.3B); histone H3.3; H3.3B; H3 histone, family 3A; H3F3A;
Gene ID	3021
mRNA Refseq	NM_005324
Protein Refseq	NP_005315
MIM	601058
UniProt ID	P84243

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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