

Datasheet

H3F3B (Human) Recombinant Protein (P01)

Catalog Number: H00003021-P01

Regulation Status: For research use only (RUO)

Product Description: Human H3F3B full-length ORF (AAH17558, 1 a.a. - 136 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MARTKQTARKSTGGKAPRKQLATKAARKSAPSTGGV
KKPHRYRPGTVALREIRRYQKSTELLIRKLPFQRLVREI
AQDFKTDLRFQSAAGALQEASEAYLVGLFEDTNLCAI
HAKRVTIMPKDIQLARRIRGERA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 40.70

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3021

Gene Symbol: H3F3B

Gene Alias: H3.3B, H3F3A

Gene Summary: 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]