Recombinant Full Length Human H3F3A Protein, GST-tagged

Cat. No. H3F3A-3410HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human H3F3A full-length ORF (AAH29405, 1 a.a. - 136 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	136 amino acids
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 replication-independent member of the histone H3 family. [provided by RefSeq
Molecular Mass	40.7 kDa
AA Sequence	MARTKQTARKSTGGKAPRKQLATKAARKSAPSTGGVKKPHRYRPGTVALREIRRYQ KSTELLIRKLPFQRLVREIAQDFKTGLRFQSAAIGALQEASEAYLVGLFEDTNLCAIHA KRVTIMPKDIQLARRIRGERA
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) 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	H3F3A H3 histone, family 3A [Homo sapiens]
Official Symbol	H3F3A
Synonyms	H3F3A; H3 histone, family 3A; H3F3; histone H3.3; H3.3A; H3F3B; MGC87782; MGC87783;
Gene ID	3020
mRNA Refseq	NM_002107
Protein Refseq	NP_002098
MIM	601128
UniProt ID	P84243

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