Recombinant Human H3F3A Protein, HIS-tagged

Cat. No. H3F3A-116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human H3F3A fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	15.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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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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