

Recombinant Human H2AFV, His-tagged

Cat. No. H2AFV-13645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human H2AFV protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-128a.a.
Description	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 encodes a member of the histone H2A family. Several transcript variants encoding different isoforms, have been identified for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

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Gene Name	H2AFV H2A histone family, member V [Homo sapiens]
Official Symbol	H2AFV
Synonyms	H2AFV; H2A histone family, member V; H2AV; histone H2A.V; MGC1947; MGC10170; MGC10831; H2A.F/Z; histone H2A.F/Z; purine-rich binding element protein B; FLJ26479;
Gene ID	94239
mRNA Refseq	NM_012412
Protein Refseq	NP_036544
UniProt ID	Q71UI9
Chromosome Location	7p13
Pathway	Systemic lupus erythematosus, organism-specific biosystem; Systemic lupus erythematosus, conserved biosystem;
Function	DNA binding;

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