

Recombinant Full Length Human H2AFV Protein, GST-tagged

Cat. No. H2AFV-3403HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human H2AFV full-length ORF (AAH00098, 1 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	128 amino acids
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. [provided by RefSeq]
Molecular Mass	39.82 kDa
AA Sequence	MAGGKAGRDSGKAKAKAVSRSQRAGLQFPVGRIHRHLKTRTTSHGRVGATAAVYS AAILEYLTAEVLELAGNASKDLKVKRITPRHLQLAIRGDEELDSLKATIAGGGVIPHIHK SLIGKKGQKTA
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	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
MIM	620008
UniProt ID	Q71UI9

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