

Recombinant Human H2AFJ Protein, GST-tagged

Cat. No. H2AFJ-4535H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human H2AFJ full-length ORF (BAA91894.1, 1 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 is located on chromosome 12 and encodes a variant H2A histone. The protein is divergent at the C-terminus compared to the consensus H2A histone family member. [provided by RefSeq]
Molecular Mass	42.5 kDa
AA Sequence	MSGRGKQGGKVRAKAKSRSSRAGLQFPVGRVHRLLRKGNYAERVGAGAPVYLAA VLEYLTAEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKLKGVTIAQGGVLPNIQA VLLPVCEHSGPSSGKIPSDRAELGAGSVCGHIFQKVE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	H2AFJ H2A histone family, member J [Homo sapiens]
Official Symbol	H2AFJ
Synonyms	H2A histone family, member J; 14456; Ensembl:ENSG00000246705; MGC921, FLJ10903, FLJ52230; histone H2A.J;H2a/j; H2AJ
Gene ID	55766
mRNA Refseq	NM_177925
Protein Refseq	NP_808760
UniProt ID	Q9BTM1

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