

Full-Length

H2AFJ (Human) Recombinant Protein (P01)

Catalog # H00055766-P01

Size 50 ug

Specification

Product Description	Human H2AFJ full-length ORF (BAA91894.1, 1 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSGRGKQGGKVRAKAKSRSSRAGLQFPVGRVHRLLRKGNYAERVGAGAPVYLAADVLEYLTAEIL ELAGNAARDNKKTRIIPRHLQLAIRNDEELNKLKGKVTIAQGGVLPNIQAVLLPVCEHSGPSSGKIPS DRAELGAGSVCGHIFQKVE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.5
Interspecies Antigen Sequence	Mouse (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — H2AFJ

Entrez GeneID [55766](#)**GeneBank Accession#** [AK001765.1](#)**Protein Accession#** [BAA91894.1](#)**Gene Name** H2AFJ**Gene Alias** FLJ10903, MGC921**Gene Description** H2A histone family, member J**Gene Ontology** [Hyperlink](#)

Gene Summary

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]

Other Designations -

Pathway

- [Systemic lupus erythematosus](#)