

Recombinant Human H2AFJ

Catalog No: #GP13476

Package Size: #GP13476-1 100ug

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Description

Product Name	Recombinant Human H2AFJ
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-129 amino acids of human H2AFJ
Target Name	H2A histone family member J
Other Names	H2AJ
Accession No.	Swissprot:Q9BTM1Gene Accession:BC003602
Uniprot	Q9BTM1
GeneID	55766;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 replication-independent histone that is a variant H2A histone. The protein is divergent at the C-terminus compared to the consensus H2A histone family member. This gene also encodes an antimicrobial peptide with antibacterial and antifungal activity.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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