

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

H2AFZ, 1-128aa Human, His tag, E.coli

产品货号: TP02388

第三版

别名: Histone H2A.Z, H2A.z, H2A/z, H2AZ

描述: Histone H2A.Z, also known as H2AFZ, is a member of the histone H2A family. 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). H2AFZ may be involved in the formation of constitutive heterochromatin and may be required for chromosome segregation during cell division. Also, H2AFZ is a variant Histone H2A which replaces conventional H2A in a subset of nucleosomes. Recombinant human H2AFZ protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 15.9 kDa (151aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMAGGKAGKDSGKAKTKAVSRQRAGLQFPVGRIGRIHRHLKSRTTSHGRVGATAAVY
SAAILEYLTAEVLELAGNASKDLKVKRITPRHLQLAIRGDEELSLIKATIAGGGVIPHIHKSIGKKGQKQTV

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.