Datasheet for ABIN5853614

H2AFZ Protein (AA 1-128) (His tag)

1 Image

Go to Product page

Overview

Quantity:	50 µg
Target:	H2AFZ
Protein Characteristics:	AA 1-128
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This H2AFZ protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAGGKAG KDSGKAKTKA VSRSQRAGLQ FPVGRIHRHL KSRTTSHGRV GATAAVYSAA ILEYLTAEVL ELAGNASKDL KVKRITPRHL QLAIRGDEEL DSLIKATIAG GGVIPHIHKS LIGKKGQQKT V
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	H2AFZ
Alternative Name:	H2AFZ (H2AFZ Products)
Background:	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

Target Details

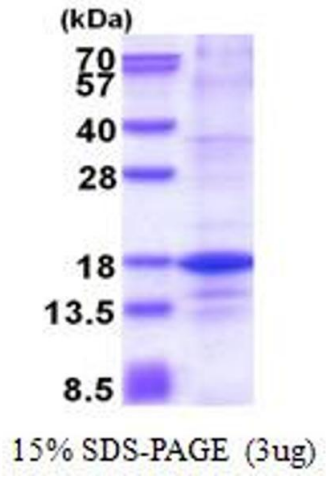
	histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). H2AFZ may be involved in the formation of constitutive heterochromatin and may be required for chromosome segregation during cell division. Also, H2AFZ is a variant Histone H2A which replaces conventional H2A in a subset of nucleosomes. Recombinant human H2AFZ protein, fused to His-tag at N-terminus, was expressed in E.coli.
Molecular Weight:	15.9 kDa (151aa)
NCBI Accession:	NP_002097
UniProt:	P0C0S5
Pathways:	Telomere Maintenance

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.