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Datasheet for ABIN5709657

HIST1H2AG Protein (AA 2-130) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	HIST1H2AG
Protein Characteristics:	AA 2-130
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HIST1H2AG protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	SGRGKQGGKA RAKAKTRSSR AGLQFPVGRV HRLLRKGNYA ERVGAGAPVY LAAVLEYLTA EILELAGNAA RDNKKTRIIP RHLQLAIRND EELNKLLGKV TIAQGGVLPN IQAVLLPKKT ESHHKAKGK
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	HIST1H2AG
Alternative Name:	H2A1 (HIST1H2AG Products)
Background:	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a tplate. Histones thereby

Target Details

play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Molecular Weight: 18.1 kDa

UniProt: [P0C0S8](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

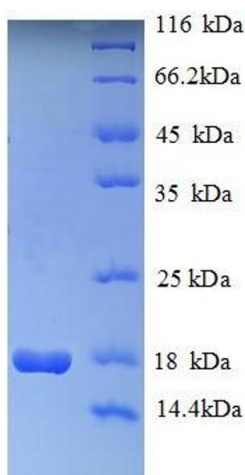
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.