Datasheet for ABIN5709661

HIST1H2BM Protein (AA 2-126) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	HIST1H2BM
Protein Characteristics:	AA 2-126
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HIST1H2BM protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	PEPTKSAPAP KKGSKKAVTK AQKKDGKKRK RSRKESYSVY VYKVLKQVHP DTGISSKAMG IMNSFVNDIF ERIAGEASRL AHYNKRSTIT SREIQTAVRL LLPGELAKHA VSEGTKAVTK YTSSK
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	HIST1H2BM
Alternative Name:	H2B1M (HIST1H2BM 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 play a central role in transcription regulation, DNA repair, DNA replication and chromosomal

Target Details

	stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome rodeling.
Molecular Weight:	17.9 kDa
UniProt:	P10854

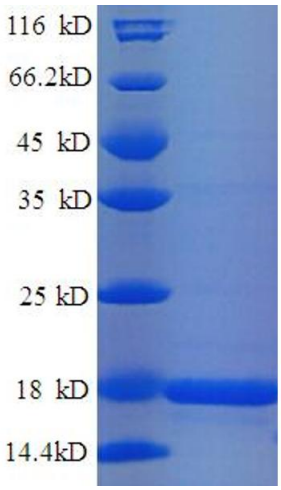
Application Details

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.