

Datasheet for ABIN5713352

CENPA Protein (AA 1-134, full length) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CENPA
Protein Characteristics:	full length, AA 1-134
Origin:	Mouse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CENPA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGPRRKQTP RRRPSSPAPG PSRQSSSVGS QTLRRRQKFM WLKEIKTLQK STDLLFRKKP FSMVVREICE KFSRGVDFWW QAQALLALQE AAFAFLIHLF EDAYLLSLHA GRVTLFPKDI QLTRRIRGFE GGLP
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	CENPA
Alternative Name:	CENPA (CENPA Products)
Background:	Histone H3-like variant which exclusively replaces conventional H3 in the nucleosome core of centromeric chromatin at the inner plate of the kinetochore. Required for recruitment and

Target Details

assbly of kinetochore proteins, mitotic progression and chromosome segregation. May serve as an epigenetic mark that propagates centromere identity through replication and cell division. The CENPA-H4 heterotetramer can bind DNA by itself (in vitro) .

Molecular Weight: 17.51 kDa

UniProt: [O35216](#)

Pathways: [Chromatin Binding](#), [Maintenance of Protein Location](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

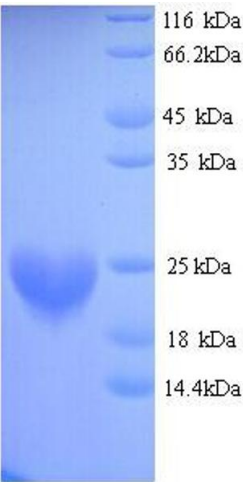
Concentration: 0.1-2 mg/mL

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.