Datasheet for ABIN5710442

SUPT16H Protein (AA 890-1074, partial) (His-SUMO Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	SUPT16H
Protein Characteristics:	AA 890-1074, partial
Origin:	Arabidopsis thaliana
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUPT16H protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	DFKKDVLRVD SVPTSSLEGI KEWLDTTDIK YYESKLNLNW RQILKTITDD PQSFIDDGGW EFLNLDGSDS ESGGSEESDK GYEPSDVEVE SESEDEASES ESLVESDDDE EEDSEQESEE EKGKTWDELE REATNADREH GVESDSEEER KRRKMKAFGK SRPGTSGGGG SSSMKNMPPS KRKHR
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	SUPT16H
Alternative Name:	SPT16 (SUPT16H Products)
Background:	Component of the FACT complex, a general chromatin factor that acts to reorganize

Target Details

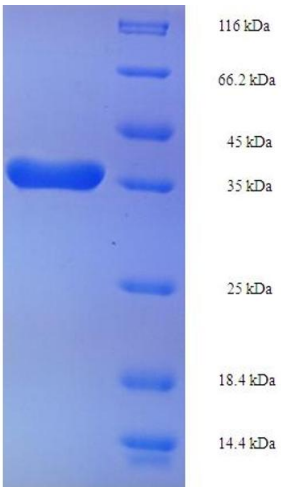
	nucleosomes. The FACT complex is involved in multiple processes that require DNA as a tplate such as mRNA elongation, DNA replication and DNA repair. During transcription elongation the FACT complex acts as a histone chaperone that both destabilizes and restores nucleosomal structure. It facilitates the passage of RNA polymerase II and transcription by promoting the dissociation of one histone H2A-H2B dimer from the nucleosome, then subsequently promotes the reestablishment of the nucleosome following the passage of RNA polymerase II (Probable).
Molecular Weight:	36.89 kDa
UniProt:	O82491
Pathways:	Chromatin Binding

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.



SDS-PAGE

Image 1.