

## Product datasheet

# Recombinant Human SUPT16H protein ab161347

画像数 1

### 製品の詳細

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製品名	Recombinant Human SUPT16H protein
発現系	Wheat germ
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	PGEQTVPALNLQNAFRIIKEVQKRYKTREAEKEKEGIVKQD SLVINLNR SNPKLKDLYIRPNIAQKRMQGSLEAHVNGFRFTSVRGDKVDI LYNNIKHA LFQPCDGE
領域	608 to 715
タグ	GST tag N-Terminus

### 特性

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Our **Abpromise guarantee** covers the use of **ab161347** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	ELISA Western blot
製品の状態	Liquid
備考	

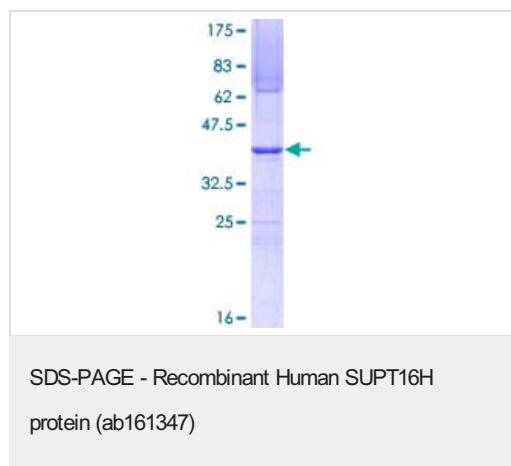
### 前処理および保存

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保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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<b>機能</b>	Component of the FACT complex, a general chromatin factor that acts to reorganize nucleosomes. The FACT complex is involved in multiple processes that require DNA as a template 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. The FACT complex is probably also involved in phosphorylation of 'Ser-392' of p53/TP53 via its association with CK2 (casein kinase II). Also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.
<b>組織特異性</b>	Ubiquitous.
<b>配列類似性</b>	Belongs to the peptidase M24 family. SPT16 subfamily.
<b>ドメイン</b>	The Glu-rich acidic region in C-terminus is essential for FACT activity.
<b>翻訳後修飾</b>	ADP-ribosylated. ADP-ribosylation by PARP1 is induced by genotoxic stress and correlates with dissociation of FACT from chromatin.
<b>細胞内局在</b>	Nucleus. Chromosome. Colocalizes with RNA polymerase II on chromatin. Recruited to actively transcribed loci.

画像



ab161347 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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