

## Product datasheet

# Recombinant Human NHP2 protein ab102027

### 画像数 1

#### 製品の概要

---

製品名	Recombinant Human NHP2 protein
タンパク質長	Full length protein

#### 製品の詳細

---

由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
アクセッション番号	<a href="#">Q9NX24</a>
生物種	Human
配列	<b>MGSSHHHHHSSGLVPRGSHMTKIKADPDGPEAQAEACSGERTYQELLVN QNPIAQPLASRRLLTRKLYKCIKKAVKQKQIRRGVKEVQKQFVNKGEKGIMV LAGDTLPIEVYCHLPVMCEDRNL PYVYI PSKTDLGAAAGSKRPTCVIMVK PHEEYQEAYDECL EEVQSLPLPL</b>
分子量	19 kDa including tags
領域	1 to 153
タグ	His tag N-Terminus

#### 特性

---

Our [Abpromise guarantee](#) covers the use of **ab102027** 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	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
精製度	> 90 % SDS-PAGE. ab102027 was purified using conventional chromatography.
製品の状態	Liquid

#### 前処理および保存

---

## 保存方法および安定性

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Preservative: None

Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

## 関連情報

### 機能

Required for ribosome biogenesis and telomere maintenance. Part of the H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA. This involves the isomerization of uridine such that the ribose is subsequently attached to C5, instead of the normal N1. Each rRNA can contain up to 100 pseudouridine ("psi") residues, which may serve to stabilize the conformation of rRNAs. May also be required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme.

### 組織特異性

Expressed in brain, colon, heart, kidney, ovary, pancreas, placenta, prostate, skeletal muscle, small intestine, spleen, testis and thymus. Also expressed at lower levels in the liver.

### 関連疾患

Dyskeratosis congenita, autosomal recessive, 2

### 配列類似性

Belongs to the ribosomal protein L7Ae family.

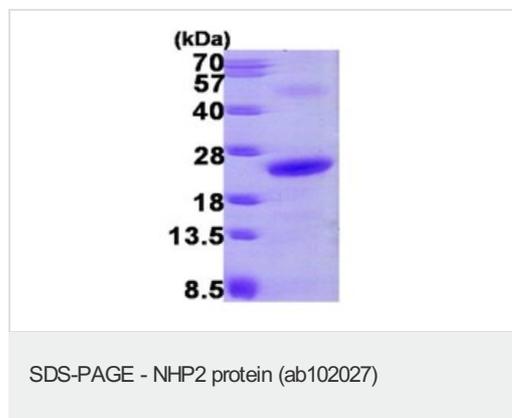
### 発生段階

Transcript peaks at G1/S transition.

### 細胞内局在

Nucleus > nucleolus. Nucleus > Cajal body. Also localized to Cajal bodies.

## 画像



15% SDS-PAGE analysis of ab102027 (3µg)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors