

## Product datasheet

# Recombinant Human Lin28B protein (Tagged) (Biotin) ab271601

画像数 1

### 製品の詳細

製品名	Recombinant Human Lin28B protein (Tagged) (Biotin)	
精製度	>= 50 % SDS-PAGE.	
発現系	HEK 293 cells	
アクセッション番号	<u><a href="#">Q6ZN17</a></u>	
タンパク質長	Full length protein	
Animal free	No	
由来	Recombinant	
生物種	Human	
配列	<p>AEGGASKGGGEEPGLPEPAEEESQVLRGTGHCKWFNVRMGF            GFISMINR            EGSPLDIPVDVFVHQSKLFMEGFRSLKEGEPVEFTFKSSKG            LESIRVTG            PGGSPCLGSERRPKGKTLQKRKPKGDRCYNCGLDHHAKECS            LPPQPKKC            HYCQSIMHMOVANCPHKNVAQPPASSQGRQEAESQPCTSTLPR            EVGGGHGC            TSPFPQEARAEISERSGRSPQEASSTKSSIAPEEQSKKGPS            VQKRKKT</p>	
予測される分子量	30 kDa	
領域	2 to 250	
タグ	DDDDK tag N-Terminus , Avi tag N-Terminus	
標識	Biotin	

### 特性

Our **Abpromise guarantee** covers the use of **ab271601** 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
製品の状態	Liquid
備考	Enzymatically biotin-labeled using Avi-tag™ technology

## 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. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark.

pH: 8.00

Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 0.05% (R\*,R\*)-1,4-Dimercaptobutan-2,3-diol, 20% Glycerol (glycerin, glycerine)

100µg/ml DDDDK peptide

## 関連情報

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### 機能

Acts as a suppressor of microRNA (miRNA) biogenesis by specifically binding the precursor let-7 (pre-let-7), a miRNA precursor. Acts by binding pre-let-7 and recruiting ZCCHC11/TUT4 uridylyltransferase, leading to the terminal uridylation of pre-let-7. Uridylated pre-let-7 miRNAs fail to be processed by Dicer and undergo degradation. Specifically recognizes the 5'-GGAG-3' motif in the terminal loop of pre-let-7. Also recognizes and binds non pre-let-7 pre-miRNAs that contain the 5'-GGAG-3' motif in the terminal loop, leading to their terminal uridylation and subsequent degradation. Mediates MYC-mediated let-7 repression. Isoform 1, when overexpressed, stimulates growth of the breast adenocarcinoma cell line MCF-7. Isoform 2 has no effect on cell growth.

### 組織特異性

High expression in testis, fetal liver, placenta and in hepatocellular carcinoma (HCC). Isoform 1 is only detected in moderately and poorly differentiated HCC tissues and placenta (at protein level). Isoform 2 is detected in fetal liver, non-tumor liver tissues, as well as well-differentiated tumor tissues (at protein level).

### 配列類似性

Belongs to the lin-28 family.

Contains 2 CCHC-type zinc fingers.

Contains 1 CSD (cold-shock) domain.

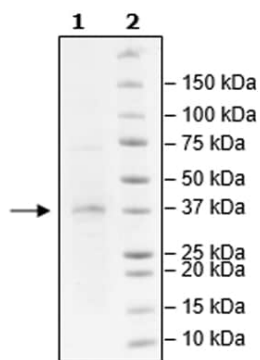
### 細胞内局在

Cytoplasm. Nucleus. Predominantly cytoplasmic at G1 phase, accumulates in the nucleus in S and G2 phases. The frequency of nuclear localization in S and in G2 phases is 60% and 30%, respectively.

## 画像

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SDS-PAGE analysis of 1 µg ab271601.



SDS-PAGE - Recombinant Human Lin28B protein  
(Tagged) (Biotin) (ab271601)

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

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

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- 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

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