

# Recombinant Human RRP42 protein ab180350

画像数 1

### 製品の詳細

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製品名	Recombinant Human RRP42 protein
精製度	> 85 % SDS-PAGE. ab180350 was purified using conventional chromatography.
発現系	Escherichia coli
アクセッション番号	<b><u>Q15024</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHH SSGLVPRGSH MGSMASVTLS EAEKVYIVHG VQEDLRVDGR GCEDYRCVEV ETDVVSNTSG SARVKLGHTD ILVGVKAEMGT PKLEKPNEG YLEFFVDCSA SATPEFEGRG GDDLGTETIAN TLYRIFNNKS SVDLKTLCIS PREHCWVLYV DVLLECEGGN LFDALSIQAVK AALFNTRIPR VRVLEDEEGS KDIELSDDPY DCIRLSVENV PCIVTLCKIG YRHVVDATLQ EEACSLASLL VSVTSKGVVT CMRKVGKGS LDPESIFEMME TGKRVGKVLH ASLQSVVHKE ESLGPKRQKV GFLG
予測される分子量	34 kDa including tags
領域	1 to 291
タグ	His tag N-Terminus
配列の追加情報	NP_055819

### 特性

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Our **Abpromise guarantee** covers the use of **ab180350** 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	Mass Spectrometry SDS-PAGE
質量分析	MALDI-TOF

**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.

pH: 8.00

Constituents: 0.32% Tris HCl, 0.88% Sodium chloride, 20% Glycerol (glycerin, glycerine), 0.02% DTT

**関連情報****機能**

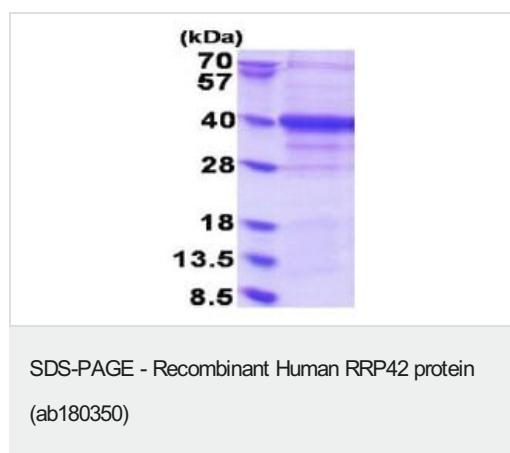
Non-catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events. In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, such as anti-sense RNA species and promoter-upstream transcripts (PROMPTs), and of mRNAs with processing defects, thereby limiting or excluding their export to the cytoplasm. The RNA exosome may be involved in Ig class switch recombination (CSR) and/or Ig variable region somatic hypermutation (SHM) by targeting AICDA deamination activity to transcribed dsDNA substrates. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA. The catalytic inactive RNA exosome core complex of 9 subunits (Exo-9) is proposed to play a pivotal role in the binding and presentation of RNA for ribonucleolysis, and to serve as a scaffold for the association with catalytic subunits and accessory proteins or complexes.

**配列類似性**

Belongs to the RNase PH family.

**細胞内局在**

Nucleus > nucleolus. Cytoplasm. Nucleus.

**画像**

15% SDS-PAGE analysis of ab180350 (3 µg)

**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.

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