abcam

Product datasheet

Recombinant Human NHP2 protein ab102027

画像数1

製品の詳細

製品名 Recombinant Human NHP2 protein

精製度 > 90 % SDS-PAGE.

ab102027 was purified using conventional chromatography.

発現系 Escherichia coli

アクセッション番号 Q9NX24

タンパク質長 Full length protein

Animal free No

由来 Recombinant

生物種 Human

配列 MGSSHHHHHHSSGLVPRGSHMTKIKADPDGPEAQAEACSG

ERTYQELLVN

QNPIAQPLASRRLTRKLYKCIKKAVKQKQIRRGVKEVQKFVN

KGEKGIMV

LAGDTLPIEVYCHLPVMCEDRNLPYVYIPSKTDLGAAAGSKR

PTCVIMVK PHEEYQEAYDECLEEVQSLPLPL

予測される分子量 19 kDa including tags

領域 1 to 153

サブ 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

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.

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Constituents: 0.0154% DTT, 0.316% Tris HCI, 20% Glycerol (glycerin, glycerine), 0.58% Sodium

chloride

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.

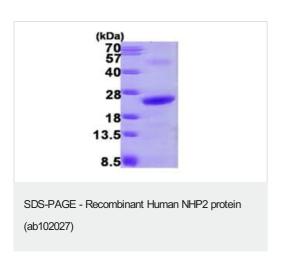
関連疾患 Dyskeratosis congenita, autosomal recessive, 2

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)

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