

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	<u>Q9NX24</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMTKIKADPDGPEAQAEACSG ERTYQELLVN QNPIAQPLASRRRLTRKLYKCIKKAVKQKQIRRGVKEVQKFVN KGEKGIMV LAGDTLPIEVYCHLPVMCEDRNLPYVYIPSKTDLGAAAGSKR PTCVIMVK PHEEYQEAYDECLEEVQSLPLPL
予測される分子量	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
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 -
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80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 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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