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Datasheet for ABIN7318843 NHP2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	NHP2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NHP2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human NHP2/NOLA2 Protein (His Tag)
Sequence:	Met 1-Leu153
Characteristics:	Recombinant Human Nucleolar protein family A member 2 is produced by our E.coli expression system and the target gene encoding Met1-Leu153 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NHP2
Alternative Name:	NHP2/NOLA2 (NHP2 Products)
Background:	Background: NHP2 belongs to the H/ACA snoRNPs gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been organized into 2 families:

Target Details

C/D and H/ACA. NHP2 forms a small ribonucleoprotein particle with GAR1 (NOLA1). NHP2 is involved in a variety of aspects of rRNA processing and modification. NHP2 localizes to the dense fibrillar component of the nucleolus and in nuclear Cajal bodies. NHP2 may also be required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme.

Synonym: H/ACA ribonucleoprotein complex subunit 2, Nucleolar protein family A member 2, snoRNP protein NHP2, NHP2, NOLA2, NHP2P.

Molecular Weight: 19.3 kDa

UniProt: [Q9NX24](#)

Pathways: [Telomere Maintenance](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 100 mM NaCl, 1 mM DTT, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.