

[Go to Product page](#)

Datasheet for ABIN1097233

**NHP2L1 Protein (AA 2-128) (His tag)**

## Overview

Quantity:	50 µg
Target:	NHP2L1
Protein Characteristics:	AA 2-128
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NHP2L1 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human NHP2-Like Protein 1/NHP2L1 (N-6His)
Sequence:	MGSSHHHHHH SSGLVPRGSH MTEADVNPKA YPLADAH LTK KLLDLVQQSC NYKQLRKGAN EATKTLNRGI SEFIVMAADA EPLEIILHLP LLCEDKNVPY VFVRSKQALG RACGVSRPVI ACSVTIKEGS QLKQQIQSIQ QSIERLLV
Characteristics:	Recombinant Human NHP2-Like Protein 1/NHP2L1 is produced by our E. coli expression system. The target protein is expressed with sequence (Thr2-Val128) of Human NHP2L1 fused with a His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	NHP2L1
Alternative Name:	NHP2-like-protein-1 ( <a href="#">NHP2L1 Products</a> )
Sub Type:	Fusionprotein
Background:	<p>NHP2-Like Protein 1 (NHP2L1) is a member of the ribosomal protein L7Ae family. NHP2L1 protein is limited to the nucleus, primarily focused in the dense fibrillar component of the nucleolus. NHP2L1 has been shown to interact with RAD17 and PRPF31. The protein undergoes a conformational change upon RNA-binding. NHP2L1 binds to the 5-stem-loop of U4 snRNA and may play a role in the late stage of spliceosome assembly, prior to step I of splicing catalysis.</p> <p>Alternative Names: NHP2-Like Protein 1, High Mobility Group-Like Nuclear Protein 2 Homolog 1, OTK27, SNU13 Homolog, hSNU13, U4/U6.U5 tri-snRNP 15.5 kDa Protein, NHP2L1</p>
Molecular Weight:	16.3 kDa
UniProt:	<a href="#">P55769</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 600 mM NaCl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
Expiry Date:	3 months