Product Name: Recombinant Human NHP2L1 (N-6His)
Catalog #: PEH1227

Summary

Name	NHP2-like protein 1/NHP2L1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human NHP2-Like Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Val128 is expressed with a 6His tag at the N-terminus.
Accession #	P55769
Host	E.coli
Species	Human
Predicted Molecular Mass	16.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 600mM NaCl, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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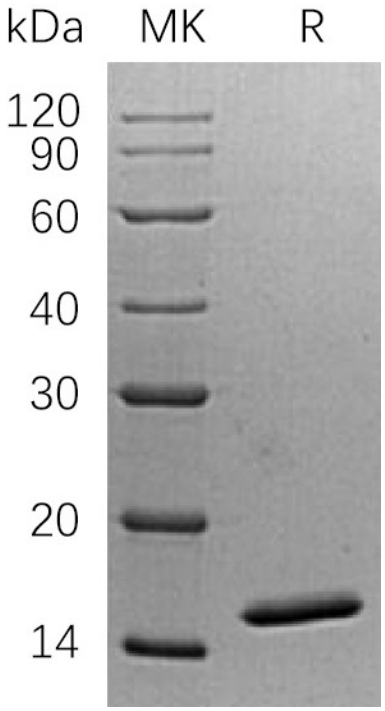

Alternative Names

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

Background

NHP2-Like Protein 1 (NHP2L1) is a member of the ribosomal protein L7Ae family. NHP2L1 proteinis limited to the nucleus, primarily focused in the dense fibrillar component of the nucleolus. NHP2L1 has been shown to interact with RAD17and 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.

Note

For Research Use Only , Not for Diagnostic Use.