
Product Data Sheet

Product Name: NHP2L1 Human
 Cat. No.: GP24042
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	FA-1; SPAG12; SNRNP15-5; SNU13; 15.5K; U4/U6.U5 tri-snRNP 15.5 kDa protein; NHP2 Non-Histone Chromosome protein 2-like 1 (<i>S. cerevisiae</i>); Sperm Specific Antigen 1; SSFA1; NHPX; FA1; OTK27; High Mobility Group-like Nuclear Protein 2 homolog 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMTADV NPKAYPLADA HLTKKLLDLV QQSCNYKQLR KGANEATKTL NRGISEFIVM AADAEPLEII LHLPLLCEDK NVPYVFVRSK QALGRACGVS RPVIACSVTI KEGSQLKQIQI QSIQQSIERL LV		
Formulation	The NHP2L1 protein solution (0.25mg/1ml) is formulated in In 20 mM Tris-HCl Buffer (pH 7.5), 100 mM NaCl, and 10% Glycerol.		

Introduction

NHP2L1 is a member of the ribosomal protein L7Ae family. NHP2L1 protein limited to the nucleus, primarily focused in the dense fibrillar component of the nucleolus. NHP2L1 directly binds to the 5' stem-loop of U4 snRNA and has a vital part in the late stage of spliceosome assembly, prior to step I of splicing catalysis.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Background

NHP2L1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 152 amino acids (1-128a.a.) and having a molecular mass of 16.7kDa. NHP2L1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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