



Recombinant Protein Technical Manual

Recombinant Human SNU13 Protein (His Tag)

RPES0492

Product Data:

Product SKU: RPES0492

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P55769

Protein Information:

Molecular Mass: 16.3 kDa

AP Molecular Mass: 16 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 600mM NaCl, pH 8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: 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

Immunogen Information:

Sequence: Met 1-Val128

Background:

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.