



Recombinant Protein Technical Manual
Recombinant Human NHP2/NOLA2 Protein (His Tag)
RPES0807

Product Data:

Product SKU: RPES0807

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9NX24

Protein Information:

Molecular Mass: 19.3 kDa

AP Molecular Mass: 22 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: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

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

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

Application:

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

Immunogen Information:

Sequence: Met 1-Leu153

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: 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.