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## Datasheet for ABIN7318829 NIP7 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	NIP7
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NIP7 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human NIP7/KD93 Protein (His Tag)
Sequence:	Met 1-Thr180
Characteristics:	Recombinant Human 60S Ribosome Subunit Biogenesis Protein NIP7 Homolog is produced by our E.coli expression system and the target gene encoding Met1-Thr180 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	NIP7
Alternative Name:	NIP7/KD93 ( <a href="#">NIP7 Products</a> )
Background:	Background: 60S Ribosome Subunit Biogenesis Protein NIP7 Homolog (NIP7) belongs to the NIP7 family. NIP7 contains one PUA domain, it is essential for the process of proper 27S pre-

## Target Details

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rRNA and 60S ribosome subunit assembly. NIP7 is a monomer form and interacts with NOL8 and SBDS, and may bind to RNA. In addition, NIP7 is one of the many trans-acting factors required for eukaryotic ribosome biogenesis, which interacts with nascent pre-ribosomal particles and dissociates as they complete maturation and are exported to the cytoplasm. Synonym: 60S Ribosome Subunit Biogenesis Protein NIP7 Homolog, KD93, NIP7

Molecular Weight: 9.0 kDa

UniProt: [Q9Y221](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, pH 8.0 .

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, 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.