Product Name: Recombinant Human NIP7 (N-6His)
Catalog #: PEH1228

Summary

Name	NIP7/KD93
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9Y221
Host	E.coli
Species	Human
Predicted Molecular Mass	22.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM 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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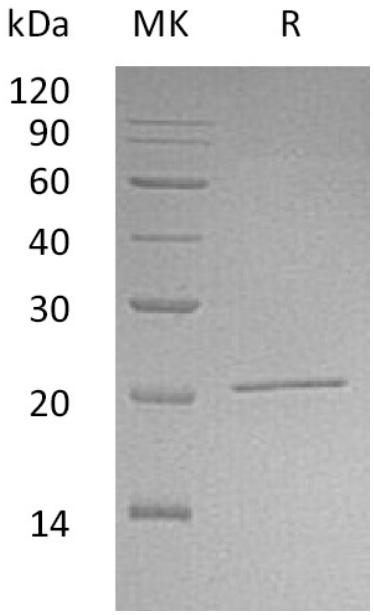

Alternative Names

60S Ribosome Subunit Biogenesis Protein NIP7 Homolog; KD93; NIP7

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-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.

Note

For Research Use Only , Not for Diagnostic Use.