

Recombinant Human NIP7, His-tagged

Cat. No. NIP7-2399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NIP7 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques, 21.5 kDa (188aa).
Species	Human
Source	E.coli
Description	NIP7, also known as the 60S ribosome subunit biogenesis protein NIP7 homolog, belongs to NIP7 family and contains 1 PUA domain. It interacts with pre-ribosome complex and may bind to RNA. This protein is required for proper 27S pre-rRNA processing and 60S ribosome subunit assembly.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl.
Purity	> 90% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MRPLTEEETR VMFEKIAKYI GENLQLLVDR PDGTYCFRLH NDRVYYVSEK IMKLAANISG DKLVS LGTCFGKFTKTHKFR LHVTALDYLA PYAKYK VWIK PGAEQSFLYG NHVLK SGLGR ITENTSQYQG VVVYSMADIPLGFGVAAKST QDCRKVDPMA IVVFHQADIG EYVRHEETLT LEHHHHHH.
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

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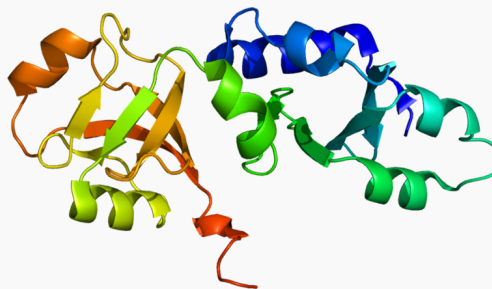
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store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	NIP7 nuclear import 7 homolog (S. cerevisiae) [Homo sapiens]
Synonyms	nuclear import 7 homolog (S. cerevisiae); KD93; CGI-37; HSPC031; FLJ10296; NIP7; 60S ribosome subunit biogenesis protein NIP7 homolog;nuclear import 7
Gene ID	51388
mRNA Refseq	NM_016101
Protein Refseq	NP_057185
UniProt ID	Q9Y221
Chromosome Location	16q22.1
Function	RNA binding; protein binding

PDB rendering based on 1sqw.



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