

NIP7, 1-180aa, Human, His tag, E.coli

Cat.NO.: TP03158

3th Edition

Synonyms:60S ribosome subunit biogenesis protein NIP7 homolog, CGI-37, HSPC031, KD93

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. Recombinant human NIP7 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl

Molecular Weight:21.5 kDa (188aa)

Sequences:

MRPLTEETRVVMFEKIAKYIGENLQLLVDRPDGTYCFRLHNDRVYYVSEKIMKLAANISGDKLVSLGTCFGKFTKTH
KFRLHVTALDYLPYAKYKVKWIKPGAEQSFLYGNHVLKSGLGRLTENTSQYQGQVVVYSMADIPLGFGVAAKSTQDC
RKVDPMAIVVFHQADIGEYVRHEETLTLEHHHHHH

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.