

**PIH1D1, 1-290aa, Human, His tag, E.coli**

**Cat.NO.: TP03405**

3th Edition

**Synonyms:**PIH1 domain-containing protein 1, NOP17

**Description:**PIH1 domain-containing protein 1, also known as PIH1D1, is a phylogenetically conserved protein essential for efficient processing of pre-rRNA through its association with a class of small nucleolar RNAs (snoRNAs) during ribosomal biogenesis. SnoRNAs are associated in ribonucleoprotein particles localized to the nucleolus. PIH1D1 may also function as a novel modulator of apoptosis pathway. Recombinant human PIH1D1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

**Molecular Weight:**34.8 kDa (313aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMANPKLLGMGLSEAEAGADSARFEELLQASKELQQAQTTRPESTQIQPQP  
GFCIKTNSSEGKVFINICHSPSIPPPADVTEEELLQMLEEDQAGFRIPMSLGEPAELDAKGQGCTAYDVAVNSDFY  
RRMQNSDFLRELVITIAREGLEDKYNLQLNPEWRMMKNRPFMGSSISQQNIRSEQRPRIQELGDLYTPAPGRAESGP  
EKPHLNLWLEAPDLLLAEVDLPKLDGALGLSLEIGENRLVMGGPQQLYHLDAYIPLQINSHESKAAFHRKRKQLMVA  
MPLLPVPS

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/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.