

## 32-4455: Recombinant Human PIH1 Domain Containing 1

**Alternative Name :** NOP17, Nucleolar Protein 17 Homolog, PIH1 Domain-Containing Protein 1, PIH1 Domain-Containing 1, PIH1D1.

### Description

Source : Escherichia Coli. PIH1D1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 313 amino acids (1-290a.a) and having a molecular mass of 34.8kDa. PIH1D1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PIH1 domain-containing protein 1 (PIH1D1) is a member of the PIH1 family. PIH1D1 is a phylogenetically conserved protein vital for efficient processing of pre-rRNA through its association along with a class of small nucleolar RNAs (snoRNAs) during ribosomal biogenesis. SnoRNAs are linked in ribonucleoprotein particles localized to the nucleolus. PIH1D1 may also act as a novel modulator of apoptosis pathway.

### Product Info

**Amount :** 10 µg  
**Purification :** "Greater than 85% as determined by SDS-PAGE."  
**Content :** PIH1D1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGS MANPKLL GMGLSEAEI GADSARFEEL LLQASKELQQ  
AQTTRPESTQ IQPQPGFCIK TNSSEGKVF I NICHSPSIPP PADVTEEELL QMLEEDQAGF RIPMSLGEPH  
AELDAKGQGC TAYDVAVNSD FYRRMQNSDF LRELVIT IAR EGLEDKYNLQ LNPEWRMMKN  
RPFMGSIQQ NIRSEQRPRI QELGDLYTPA PGRAESGPEK PHLNLWLEAP D LLLAEVDLP KLDGALGLSL  
EIGENRLVMG GPQQLYHLDA YIPLQINSHE SKAAFHRKRK QLMVAMPLLP VPS