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Product datasheet for AR51228PU-S

PIH1D1 (1-290, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PIH1D1 (1-290, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMANPKLL GMGLSEAEAI GADSARFEEL LLQASKELQQ AQTTRPESTQ IQPQPGFCIK TNSSEGKVFI NICHSPSIPP PADVTEEELL QMLEEDQAGF RIPMSLGEPH AELDAKGQGC TAYDVAVNSD FYRRMQNSDF LRELVITIAR EGLEDKYNLQ LNPEWRMMKN RPFMGSISQQ NIRSEQRPRI QELGDLYTPA PGRAESGPEK PHLNLWLEAP DLLLAEVDLP KLDGALGLSL EIGENRLVMG GPQQLYHLDA YIPLQINSHE SKAAFHRKRK QLMVAMPLLP VPS
Tag:	His-tag
Predicted MW:	34.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PIH1D1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_060386
Locus ID:	55011
UniProt ID:	Q9NWS0
Cytogenetics:	19q13.33
Synonyms:	NOP17, FLJ20643

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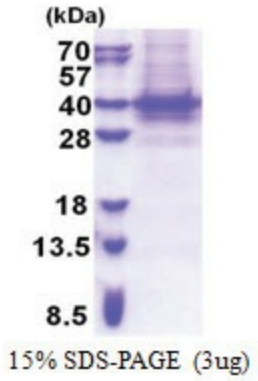
Summary: Involved in the assembly of C/D box small nucleolar ribonucleoprotein (snoRNP) particles (PubMed:17636026). Recruits the SWI/SNF complex to the core promoter of rRNA genes and enhances pre-rRNA transcription (PubMed:22368283, PubMed:24036451). Mediates interaction of TELO2 with the R2TP complex which is necessary for the stability of MTOR and SMG1 (PubMed:20864032). Positively regulates the assembly and activity of the mTORC1 complex (PubMed:24036451).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



15% SDS-PAGE (3ug)