
Product Data Sheet

Product Name: PIH1D1 Human
 Cat. No.: GP24183
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	NOP17; NucleolarProtein 17 Homolog; PIH1 Domain-ContainingProtein 1; PIH1 Domain-Containing 1; PIH1D1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMANPKLL GMGLSEAEAI GADSARFEEL LLQASKELQQ AQTTRPESTQIQPQPGFCIK TNSSEGKVFNI CHSPSIPP PADVTEEELL QMLEEDQAGF RIPMSLGEPH AELDAKGQGCTAYDVAVNSD FYRRMQNSDF LRELVITIAE EGLEDKYNLQ LNPEWRMMKN RPFMGSISQQ NIRSEQRPRI QELGDLYTPA PGRAESGPEKPHLNLWLEAP DLLLAEVDLP KLDGALGLSL EIGENRLVMG GPQQLYHLDA YIPLQINSHE SKAAFHRKRKQLMVAMPLLP VPS		
Formulation	PIH1D1 protein solution (0.25mg/ml) containing 20mMTris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

PIH1 domain-containing protein 1 (PIH1D1) is a member of the PIH1family. PIH1D1 is a phylogenetically conserved protein vital for efficientprocessing of pre-rRNA through its association along with a class of smallnucleolar RNAs (snoRNAs) during ribosomal biogenesis. SnoRNAs are linked inribonucleoprotein particles localized to the nucleolus. PIH1D1 may also act asa novel modulator of apoptosis pathway.

Stability

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.

Background

PIH1D1 Human Recombinant produced in E.Coli is a single,non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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