9051 Mira Mesa Blvd, #910094
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POP4 Human

Processing Of Precursor 4 Human Recombinant
RCP1688

Product Overview

Name	POP4 Human
Description	
Processing Of Precursor 4 Human Recombinant	
Accession (Primary)	O95707
Synonyms	
RPP29, Ribonuclease P protein subunit p29, hPOP4.	
Introduction	
Processing of Precursor 4 (POP4) is a member of the eukaryotic/archaeal RNase P protein component 1 family. POP4 is one of the protein subunits of the small nucleolar ribonucleoprotein complexes: the endoribonuclease for mitochondrial RNA processing complex and the ribonuclease P complex. POP4 is confined to the nucleus and associates promptly with the RNA component of this complexes.POP4 is participating in processing of precursor RNAs.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
POP4 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M UREA and 10% glycerol.	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MKSVIYH ALSQKEANDS DVQPSGAQRA EAFVRAFLKR STPRMSPQAR EDQLQRKAVV LEYFTRHKRK EKKKKAKGLS ARQRRELRLF DIKPEQQRYS LFLPLHELWK QYIRDLCSGL KPDTQPQMIQ AKLLKADLHG AIISVTKSKC PSYVGITGIL LQETKHIFKI ITKEDRLKVI PKLNCVFTVE TDGFISYIYG SKFQLRSSER SAKKFKAKGT IDL.	

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Precautions

POP4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O95707)