

32-4484: Recombinant Human Processing Of Precursor 4

Alternative Name : RPP29,Ribonuclease P protein subunit p29,hPOP4.

Description

Source : Escherichia Coli. POP4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 243 amino acids (1-220 a.a.) and having a molecular mass of 27.8kDa.POP4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	POP4 protein solution (1mg/ml) contains 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).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMKSVIYH ALSQKEANDS DVQPSGAQRA EAFVRAFLKR STPRMSPQAR EDQLQRKAVV LEYFTRHKRK EKKKKAKGLS ARQRRELRLF DIKPEQQRYS LFLPLHELWK QYIRDLC SGL KPDTQPQMIQ AKLLKADLHG AIISVTKSKC PSYVGITGIL LQETKHIFKI ITKEDRLKVI PKLNCVFTVE TDGFISYIYG SKFQLRSSER SAKKFKAKGT IDL.

