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32-2796: RPP30 Recombinant Protein

Alternative Name : Ribonuclease P protein subunit p30,RNaseP protein p30,RNase P subunit 2,RPP30,RNASEP2,TSG15,FLJ38491,RP11-320F15.1.

Description

Source : Escherichia Coli. RPP30 Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 291 amino acids (1-268 a.a.) and having a molecular mass of 31.8kDa. The RPP30 is purified by proprietary chromatographic techniques. Ribonuclease P protein subunit p30 (RPP30) is a member of the eukaryotic/archaeal RNase P protein component 3 family. RPP30 is component of ribonuclease P, which is a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. Ribonuclease P (RNase P) is small nuclear ribonucleoprotein (snRNPs) which acts on RNA substrates in vitro. In addition, RNase P which accumulate in the nucleolus, have a similar RNA component and several protein subunits in common.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The RPP30 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 5mM DTT, 200mM NaCl and 1mM EDTA.
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 MGSMAVFADL DLRAGSDLKA LRGLVETAAH LGYSVVAINH IVDFKEKKQE IEKPVAVSEL FTTLPIVQGK SRPIKILTRL TIIVSDPSHC NVLRATSSRA RLYDVVAVFP KTEKLFHIAC THLDVDLVCI TVTEKLPFYF KRPPINVAID RGLAFELVYS PAIKDSTMRR YTISSALNLM QICKGKNVII SSAAERPLEI RGPYDVANLG LLFGLSESDA KAAVSTNCRA ALLHGETRKT AFGIISTVKK PRPSEGDEDC LPASKKAKCE G.