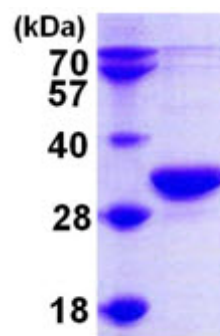


AR09761PU-N

Human RPP30 (1-268, His-tag) - Purified

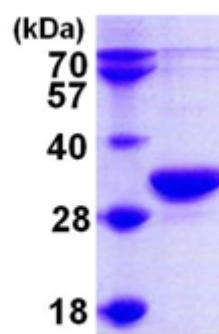
Alternate names:	RNASEP2, RNaseP protein p30, Ribonuclease P protein subunit p30
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	RPP30 (Ribonuclease P protein subunit p30) belongs to the eukaryotic/archaeal RNase P protein component 3 family. RPP30 is component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. Ribonuclease P (PNase P) is small nuclear ribonucleoproteins (snRNPs) that act on RNA substrates in vitro. Also, RNase P accumulates in the nucleolus, have a similar RNA component and also have several protein subunits in common.
Uniprot ID:	P78346
NCBI:	NP_001098016
GeneID:	10556
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% Buffer System: 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 5mM DTT, 200mM NaCl, 1mM EDTA
Description:	Recombinant human RPP30 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSMAVFADL DLRA GSDLKA LRGLVETAAH LGYSVVAINH IVDFKEKKQE IEKPVAVSEL FTTLPVQ GK SRPIKILTRL TIIIVSDPSHC NVLRATSSRA RLYDVVAVFP KTEKLFHIAC THLDVDLVCI TVTEKLPFYF KRPPINVAID RGLAFELVYS PAIKDSTMRR YTISSALNLM QICKGKNVII SSAAERPLEI RGPYDVANLG LLFGLSESDA KAAVSTNCRA ALLHGETRKT AFGIISTVKK PRPSEGDEDC LPASKKAKCE G Molecular weight: 31.8 kDa (291aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Kurz, J.C., et al. (2000) Curr. Opin. Chem. Biol. 4: 553-558. van Eenennaam, H., et al. (2001) Mol. Biol. Cell. 12: 3680-3689.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human RPP30, 1-268aa, His-tagged



15% SDS-PAGE (3ug)