

Recombinant Human Ribonuclease P/MRP 30kDa Subunit, His-tagged

Cat. No. RPP30-946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RPP30 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 31.8kDa (291aa).
Species	Human
Source	E.coli
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 5mM DTT, 200mM NaCl, 1mM EDTA.
Purity	> 90% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGSMVAFADL DLRAGSDLKA LRGLVETAAH LGYSVVAINH IVDFKEKKQE IEKPVAVSEL FTTLPVQGK SRPIKILTRL

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TIIVSDPSHC NVLRATSSRA RLYDVVAVFP KTEKLFHIAC THLDVDLVCI
TVTEKLPFYF KRPPINVAID RGLAFELVYS PAIKDSTMRR YTISSALNLM
QICKGKNVII SSAAERPLEI RGPYDVANLG LLFGLSESDA KAAVSTNCRA
ALLHGETRKT AFGIISTVKK PRPSEGDEDC LPASKKAKCE G.

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

RPP30 ribonuclease P/MRP 30kDa subunit [Homo sapiens]

Synonyms

ribonuclease P/MRP 30kDa subunit; TSG15; FLJ38491; RP11-320F15.1; RPP30; ribonuclease P protein subunit p30; RNase P subunit 2; OTTHUMP00000020082; OTTHUMP00000020083; RNaseP protein p30; ribonuclease P (30kD) (RPP30); EC 3.1.26.5

Gene ID

10556

mRNA Refseq

NM_001104546

Protein Refseq

NP_001098016

MIM

606115

UniProt ID

P78346

**Chromosome
Location**

10q23.31

Function

hydrolase activity; protein binding; ribonuclease P activity; ribonuclease activity

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