

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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