

RPP30, 1-268aa, Human, His tag, E.coli

Cat.NO.: TP03783

3th Edition

Synonyms:Ribonuclease P protein subunit p30, RNASEP2, TSG15

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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 5mM DTT, 200mM NaCl, 1mM EDTA

Molecular Weight:31.8kDa (291aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMVAFADLDRAGSDLKALRGLVETA AHLGYSVVAINHIVDFKEKKQEIEKPVA
VSELF T T L P I V Q G K S R P I K I L T R L T I I V S D P S H C N V L R A T S S R A R L Y D V V A V F P K T E K L F H I A C T H L D V D L V C I T V T E K L P
F Y F K R P P I N V A I D R G L A F E L V Y S P A I K D S T M R R Y T I S S A L N L M Q I C K G K N V I S S A A E R P L E I R G P Y D V A N L G L L F G L S E
S D A K A A V S T N C R A A L L H G E T R K T A F G I I S T V K K P R P S E G D E D C L P A S K K A K C E G

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.