

RPP30 Human

Description: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.

Catalog #:ENPS-047

For research use only.

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

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMVAFADL DLRAGSDLKA
LRGLVETAAH LGYSVVAINH IVDFKEKKQE IEKPVAVSEL FTTLPIVQ GK SRPIKILTRL
TIIVSDPSHC NVLRATSSRA RLYDVVAVFP KTEKLFHIAC THLDVDLVCI TVTEKLPFYF
KRPPINVAID RGLAFELVYS PAIKDSTMRR YTISSALNLM QICKGKNVII SAAERPLEI
RGPYDVANLG LL

Purity:Greater than 90.0% as determined by SDS-PAGE.

Formulation:

The RPP30 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 5mM DTT, 200mM NaCl and 1mM EDTA.

Stability:

RPP30 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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