

AR51569PU-N**Human POP7 (1-140, His-tag) - Purified****Alternate names:**

RPP20, Ribonuclease P protein subunit p20, Ribonucleases P/MRP protein subunit POP7 homolog, hPOP7

Quantity:

0.1 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

: POP7 belongs to the histone-like Alba family. This protein is a component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends.

Uniprot ID:[075817](#)**NCBI:**[NP_005828](#)**GeneID:**[10248](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2mM DTT, 2mM EDTA**Description:**

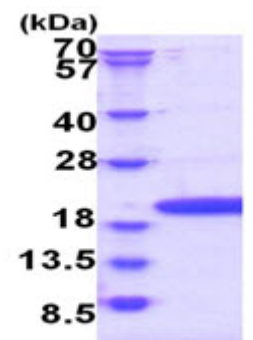
Recombinant human POP7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:MGSSHHHHHH SSGLVPRGSH MGSEFMAENR EPRGAVEAEL DPVEYTLRKR LPSRLPRRPN
DIYVNMKTDF KAQLARCQKL LDGGARGQNA CSEIYIHGLG LAINRAINIA LQLQAGSFGS
LQVAANTSTV ELVDELEPET DTREPLTRIR NNSAIHIRVF RVTPK**Molecular weight:** 18.3 kDa (165aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Hands-Taylor,K.L., et al. (2010) Nucleic Acids Res. 38 (12), 4052-4066 Andersen,J.S., et al. (2005) Nature 433 (7021), 77-83

Pictures:

15% SDS-PAGE (3ug)