

Product information



POP7, 1-140aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2749

Full name: Ribonuclease P protein subunit p20

NCBI Accession No.: NP_005828

Synonyms: 0610037N12Rik, RPP2, RPP20

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

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2mM DTT, 2mM EDTA</p> <p>Molecular Weight: 18.3kDa(165aa) confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 0.25 mg/ml (determined by Bradford assay)</p>	<p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MGSEFMAENR EPRGAVEAEL DPVEYTLRKR LPSRLPRRPN DIYVNMKTDF KAQLARCQKL LDGGARGQNA CSEIYIHGLG LAINRAINIA LQLQAGSFGS LQVAANTSTV ELVDELEPET DTREPLTRIR NNSAIHIRVF RVTPK</p>	

General references:

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

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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