

## Product datasheet for **AR51569PU-N**

### POP7 (1-140, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	POP7 (1-140, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSEFMAENR EPRGAVEAEL DPVEYTLRKR LPSRLPRRPN DIYVNMKTDF KAQLARCQKL LDGGARGQNA CSEIYHGLG LAINRAINIA LQLQAGSFGS LQVAANTSTV ELVDELEPET DTREPLTRIR NNSAIHIRVF RVTPK
Tag:	His-tag
Predicted MW:	18.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2 mM DTT, 2 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human POP7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_005828</a>
Locus ID:	10248
UniProt ID:	<a href="#">O75817</a>
Cytogenetics:	7q22.1
Synonyms:	0610037N12Rik; RPP2; RPP20



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**Summary:**

Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends (PubMed:9630247, PubMed:30454648). Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences (PubMed:28115465). [UniProtKB/Swiss-Prot Function]

**Protein Families:**

Stem cell - Pluripotency

**Product images:**