

---

**Product Data Sheet**


---

Product Name: POP7 Human  
 Cat. No.: GP24214  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ribonuclease P protein subunit p20; RNaseP protein p20; Ribonucleases P/MRP protein subunit POP7 homolog; hPOP7; POP7; RPP20; 0610037N12Rik; RPP2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSEFMAENR EPRGAVEAEL DPVEYTLRKR LPSRLPRRPN DIYVNMKTDF KAQLARCQKL LDGGARGQNA CSEIYIHGLG LAINRAINIA LQLQAGSFGS LQVAANTSTV ELVDELEPET DTREPLTRIR NNSAIHIRVF RVTPK.		
Formulation	POP7 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol, 2mM DTT and 2mM EDTA.		

**Introduction**

Processing Of Precursor 7, also known as POP7, is a part of the histone-like Alba family. POP7 is a part of ribonuclease P which is a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. POP7 is also a part of RNase MRP complex, which cleaves pre-rRNA sequences.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

POP7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 165 amino acids (1-140 a.a.) and having a molecular mass of 18.3kDa. POP7 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

**Caution: Product has not been fully validated for medical applications. For research use only.**  
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com  
Address: 10292 Central Ave. #205, Montclair, CA, USA