

Processing Of Precursor 7 Human Recombinant

Item Number	rAP-4571
Synonyms	Ribonuclease P protein subunit p20, RNaseP protein p20, Ribonucleases P/MRP protein subunit POP7 homolog, hPOP7, POP7, RPP20, 0610037N12Rik, RPP2.
Description	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.
Uniprot Accesion Number	O75817
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSEFMAENR EPRGAVEAEL DPVEYTLRKR LPSRLPRRPN DIYV-NMKTDF KAQLARCQKL LDGGARGQNA CSEIYIHGLG LAINRAINIA LQLQAGSFGS LQVAANTSTV ELVDELEPET DTREPLTRIR NNSAIHIRVF RVTPK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	POP7 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol, 2mM DTT and 2mM EDTA. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**