

32-4485: Recombinant Human Processing Of Precursor 7

Alternative Name : Ribonuclease P protein subunit p20, RNaseP protein p20, Ribonucleases P/MRP protein subunit POP7 homolog, hPOP7, POP7, RPP20, 0610037N12Rik, RPP2.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount : 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : POP7 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol, 2mM DTT and 2mM EDTA.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SGLVPRGSH MGSEFMAENR EPRGAVEAEL DPVEYTLRKR LPSRLPRRPN
DIYVNMKTDF KAQLARCQKL LDGGARGQNA CSEIYIHGLG LAINRAINIA LQLQAGSFGS
LQVAANTSTV ELVDELEPET DTREPLTRIR NNSAIHIRVF RVTPK.

