9051 Mira Mesa Blvd, #910094
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POP7 Human

Processing Of Precursor 7 Human Recombinant
RCP1689

Product Overview

Name	POP7 Human

Description

Processing Of Precursor 7 Human Recombinant

Accession (Primary)	O75817

Synonyms

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

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

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.

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSEF MAENR EPRGAVEAEL DPVEYTLRKR LPSRLPRRPN DIYVNMKTDF KAQLARCQKL LDGGARGQNA CSEIYIHGLG LAINRAINIA LQLQAGSFGS LQVAANTSTV ELVDELEPET DTREPLTRIR NNSAIHIRVF RVTPK.

Precautions

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POP7 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O75817)