Recombinant Human POP7, His-tagged

Cat. No. POP7-256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POP7, 1-140aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-140aa
Description	: POP7 belongs to the histone-like Alba family. This protein is a component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5"-ends. Recombinant human POP7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2mM DTT, 2mM EDTA
Molecular Mass	18.3kDa(165aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSEFMAENR EPRGAVEAEL DPVEYTLRKR LPSRLPRRPN DIYVNMKTDF KAQLARCQKL LDGGARGQNA CSEIYIHGLG LAINRAINIA LQLQAGSFGS LQVAANTSTV ELVDELEPET DTREPLTRIR NNSAIHIRVF RVTPK
Purity	>90% by SDS - PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	POP7 processing of precursor 7, ribonuclease P/MRP subunit (S. cerevisiae) [Homo sapiens]
Official Symbol	POP7
Synonyms	POP7; processing of precursor 7, ribonuclease P/MRP subunit (S. cerevisiae); processing of precursor 7, ribonuclease P subunit (S. cerevisiae); ribonuclease P protein subunit p20; RPP2; RPP20; hPOP7; RNaseP protein p20; ribonucleases P/MRP protein subunit POP7 homolog; processing of precursor 7, ribonuclease P subunit; POP7 (processing of precursor, S. cerevisiae) homolog; 0610037N12Rik;
Gene ID	10248
mRNA Refseq	NM_005837
Protein Refseq	NP_005828
MIM	606113
UniProt ID	O75817
Chromosome Location	7q22

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Pathway	RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;
Function	hydrolase activity; protein binding; ribonuclease P activity;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA