



POP7, 1-140aa, Human, His tag, E.coli

Cat.NO.: TP03474

3th Edition

Synonyms:Ribonuclease P protein subunit p20, 0610037N12Rik, RPP2, RPP20

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 Weight:18.3kDa(165aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSEFMAENREPRGAVEAELDPVEYTLRKRLPSRLPRRPNDIYVNMKTDFKAQL
ARCQKLLDGGARGQNACSEIYIHGLGLAINRAINIALQLQAGSFGSLQVAANTSTVELVDELEPETDTREPLTRIRNN
SAHIRVFRVTPK

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.