

**RPL30, 1-115aa, Human, His tag, E.coli**

**Cat.NO.: TP03773**

3th Edition

**Synonyms:**60S ribosomal protein L30, L30

**Description:**Ribosomes, the organelles that catalyze protein synthesis, consists of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL30 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L30E family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the U72 small nucleolar RNA gene, which is located in its fourth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Recombinant human RPL30 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 0.2M NaCl, 40% glycerol, 2mM DTT

**Molecular Weight:**15.2 kDa (138aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMVAAKTKKSLESINSRLQLVMKSGKYVLGYKQTLKMIRQGKAKLVILANNC  
PALRKSEIEYYAMLAKTGVHHYSGNNIELGTACGKYRVCTLAIIDPGDSDIIRSMPEQTGEK

**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.