

**RPL26, 1-145aa, Human, His tag, E.coli**

**Cat.NO.: TP03771**

---

3th Edition

**Synonyms:**60S ribosomal protein L26, L26

**Description:**Ribosomes, the organelles that catalyze protein synthesis, consist 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. RPL26 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L24P family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Recombinant human RPL26 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, 40% glycerol, 1mM DTT.

**Molecular Weight:**19.6 kDa (168aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMKFNPFVTSDRSKNRKRHFNAPSHIRKIMSSPLSKELRQKYNVRSMPPIRKD  
DEVQVVRGHYKGGQIGKVVQVYRKKYVIYIERVQREKANGTTVHVGIHPKVVITRLKLDKDRKKILERKAKSRQVG  
KEKGKYKEETIEKMQE

**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.