

RPL18A, 1-176aa, Human, His tag, E.coli

Cat.NO.: TP03769

3th Edition

Synonyms:60S ribosomal protein L18a , L18A

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. RPL18A is a ribosomal protein that is a component of the 60S subunit. This protein belongs to the L18AE family of ribosomal proteins. It is located in the cytoplasm. RPL18A is co-transcribed with the U68 snoRNA, which is located in its third intron. Recombinant human RPL18A protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:23.2 kDa (199aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMKASGTLREYKVVGRCLPTPKCHTPPLYRMRIFAPNHVVAKSRLFVYFVSQ
KKMKKSSGEIVYCGQVFEKSPLRVKNFGIWLRYDSRSGTHNMYREYRDLTTAGAVTQCYRDMGARHRARAHSIQI
MKVEEIAASKCRRPAVKQFHDSKIKFPLPHRVLRRQHKPRFTTKRPNTFF

Purity:> 95% by HPLC

Concentration:1 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.