
RPL35A, 1-110aa, Human, His tag, E.coli**Cat.NO.: TP03777**

3th Edition

Synonyms:60S ribosomal protein L35a,**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. RPL35A is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L35AE family of ribosomal proteins. It is located in the cytoplasm. The rat protein has been shown to bind to both initiator and elongator tRNAs, and thus, it is located at the P site, or P and A sites, of the ribosome. Although this gene was originally mapped to chromosome 18, it has been established that it is located at 3q29-qter. Transcript variants utilizing alternative transcription initiation sites and alternative polyA signals exist. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Recombinant human RPL35A 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:**14.9 kDa (133aa)**Sequences:**MGSSHHHHHSSGLVPRGSHMGMSGRLWSKAIFAGYKRGLRNQREHTALLKIEGVYARDETEFYLGKRCAYVY
KAKNNTVTPGGKPNKTRVIWGVKTRAHGNSGMVRAKFRSNLPAKAIGHRIRVMLYPSRI**Purity:**> 95% by HPLC**Concentration:**0.5 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.