

RPL5, 1-297aa, Human, His tag, E.coli

Cat.NO.: TP03778

3th Edition

Synonyms:Ribosomal protein L5, DBA6, L5, MSTP030

Description:RPL5 belongs to the ribosomal protein L18P family. This protein is required for rRNA maturation and formation of the 60S ribosomal subunits. Recombinant human RPL5 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, 10% glycerol, 1mM DTT

Molecular Weight:36.8 kDa (320aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMGFVKVVKNKAYFKRYQVKFRRRREGKTDYYARKRLVIQDKNKYNTPKYR
MIVRVNTRDIICQIAYARIEGDMIVCAAYAHLPKYGVKVGLTNYAAAYCTGLLLARRLLNRFGMDKIYEGQVEVTGD
EYNVESIDGQPGAFTCYLDAGLARTTTGNKVFVGALKGAVDGGLSIPHSTKRFPGYDSESEKFNAEVHRKHIMGQNV
ADYMRYLMEEDEDAYKKQFSQYIKNSVTPDMMEEMYKKAHAAIRENPVYEKKPKKEVKKKRWNRPKMSLAQKKD
RVAQKKASFLRAQERAAES

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.