

RPLP2, 1-115aa, Human, His tag, E.coli

Cat.NO.: TP03781

3th Edition

Synonyms:60S acidic ribosomal protein P2, LP2, P2, RPP2.

Description:60S acidic ribosomal protein P2, also known as RPLP2, belongs to the L12P family of ribosomal proteins. This gene encodes a ribosomal phosphoprotein that is a component of the 60S subunit. It is a functional equivalent of the E. coli L7/L12 ribosomal protein. RPLP2 is located in the cytoplasm. It plays an important role in the elongation step of protein synthesis.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Molecular Weight:14.2 kDa (139aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMRYVASYLLAALGGNSSPSAKDIKKILDSVIGIEADDDRLNKVISELNGKNIE
DVIAQGIGKLASVPAGGAVAVSAAPGSAAPAAGSAPAAAEKKDEKKEESEESDDDMGFGLFD

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.