

RPL8, 1-257aa, Human, His tag, E.coli

Cat.NO.: TP03780

3th Edition

Synonyms:60S ribosomal protein L8, L8.

Description:RPL8 (60S ribosomal protein L8) belongs to the ribosomal protein L2P family. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. The protein belongs to the L2P family of ribosomal proteins. It is located in the cytoplasm and exists as a component of the 60S subunit where it is thought to play a role in aminoacyl-tRNA binding, specifically at the ribosomal subunit interface.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 50% glycerol, 300mM NaCl, 2mM EDTA

Molecular Weight:30.2kDa (277aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGRVIRGQRKGAGSVFRAHVKHRKGAARLRAVDFAERHGYIKGIVKDIHDPGRG
APLAKVVFRDPYRFKKRTELFIAAEGIHTGQFVYCGKKAQLNIGNVLPVGTMPPEGTIVCCLEEKPGDRGKLARASGN
YATVISHNPETKKTRVKLPSGSKKVISSANRAVVGVVAGGGRIDKPILKAGRAYHKYKAKRNCWPRVRGVAMNPVE
HPFGGGNHQHIGKPSTIRRDAPAGRKVGLIAARRTGRLRGTKTVQEKEN

Purity:> 95% by HPLC

Concentration:0.25mg/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.