

RPS12, 1-132aa, Human, His tag, E.coli

Cat.NO.: TP03787

3th Edition

Synonyms:40S ribosomal protein S12, S12

Description:RPS12 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic mucosa has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Recombinant human RPS12 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, 30% glycerol

Molecular Weight:16.9kDa (155aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSM AEEGIAAGGVMDVNTALQEV LKTAL IHDGLARGIREAAKALDKRQAHL CVL
ASNCDEPMYVKLVEALCAEHQINLIK VDDNKKLGEWVGLCKIDREGKPRKV VGCSCVVKDYGKESQAKDVIEEYF
KCKK

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.