

**RPS18, 1-152aa, Human, His tag, E.coli**

**Cat.NO.: TP03790**

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3th Edition

**Synonyms:**40S ribosomal protein S18, D6S218E, HKE3, KE-3, KE3, S18

**Description:**40S ribosomal protein S18, also known as RPS18, belongs to the ribosomal protein S13P family. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. RPS18 is a known binding partner of Cofilin and has been suggested to be a novel substrate for CaMKII. Recombinant human RPS18 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:**20.1 kDa (175aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSM SLVIPEKFQHILRVLNTNIDGRRKIAFAITAIKGVGRRYAHVVLRKADIDLTKR  
AGELTEDEVERVITIMQNPRQYKIPDWFLNRQKDVKDGKYSQVLANGLDNKLREDLERLKKIRAHRLRHFHWGLRV  
RGQHTKTTGRRGRTVGVSKKK

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/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.