

32-4702: Recombinant Human Ribosomal Protein S13

Alternative Name : 40S ribosomal protein S13,RPS13,S13,ribosomal protein S13.

Description

Source : Escherichia Coli. RPS13 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 174 amino acids (1-151 a.a) and having a molecular mass of 19.6kDa.RPS13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 40S ribosomal protein S13 (RPS13), is a member of the ribosomal protein S15P family. Ribosomes are the organelles which catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. RPS13 is located in the cytoplasm and contains multiple phosphorylated residues. Similar to other ribosomal proteins, Ribosomal Protein S13 exists as multiple processed pseudogenes which are scattered throughout the genome.

Product Info

Amount :	20 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	RPS13 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSMGRMHAP GKGLSQSALP YRRSVPTWLK LTSDDVKEQI YKLAKKGLTP SQIGVILRDS HGVAQVRFVT GNKILRILKS KGLAPDLPED LYHLLIKAVA VRKHLERNRK DKDAKFRLLIL IESRIHRLAR YYKTKRVLPP NWKYESSTAS ALVA.