

32-4705: Recombinant Human Ribosomal Protein S18

Alternative Name : Ribosomal Protein S18,D6S218E,40S Ribosomal Protein S18, HKE3,KE-3,KE3,S18,Rhabdomyosarcoma Antigen MU-RMS-40.21,Ke-3,Ke3.

Description

Source : Escherichia Coli. RPS18 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 175 amino acids (1-152 a.a) and having a molecular mass of 20.1kDa.RPS18 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 40S ribosomal protein S18 (RPS18) is a member of the ribosomal protein S13P family. RPS18 is located in the cytoplasm. Ribosomes, the organelles which catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Jointly these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPS18 encodes a ribosomal protein which is a component of the 40S subunit. RPS18 is a recognized binding partner of Cofilin and has been proposed to be a novel substrate for CaMKII. Among the diseases associated with RPS18 are bowen-conradi syndrome, and pasteurellosis.

Product Info

Amount : 20 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : RPS18 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.
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 MGSMSLVIPE KFQHILRVLN TNIDGRRKIA FAITAIKGVG RRYAHVVLRK ADIDLTKRAG ELTEDEVERV ITIMQNPRQY KIPDWFLNRQ KDVKDGKYSQ VLANGLDNKL REDLERLKKI RAHRGLRHFV GLRVRGQHTK TTGRRGRTVG VSKKK

