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32-4704: Recombinant Human Ribosomal Protein S16

Alternative Name : Ribosomal Protein S16,40S Ribosomal Protein S16,S16.

Description

Source : Escherichia Coli. RPS16 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 169 amino acids (1-146) and having a molecular mass of 18.8kDa.RPS16 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ribosomes are the organelles which catalyze protein synthesis and comprised of a small 40S subunit and a large 60S subunit. Combined, the small 40S and large 60S subunits are composed of 4 RNA types and about 80 structurally distinct proteins. RPS16, a ribosomal protein, is a component of the 40S subunit and a member of the S9P family of ribosomal proteins. RPS16 is situated in the cytoplasm. Just like other genes encoding ribosomal proteins, there are numerous processed pseudogenes of RPS16 spread through the genome.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The RPS16 solution (0.5mg/ml) contains 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 SSGLVPRGSH MGSMPSKGPL QSVQVFGRKK TATAVAHCKR GNGLIKVNGR PLEMIEPRTL QYKLLEPVLL LGKERFAGVD IRVRVKGGGH VAQIYAIRQS ISKALVAYYQ KYVDEASKKE IKDILIQYDR TLLVADPRRC ESKKFGGPGA RARYQKSYR

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