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32-4696: Recombinant Human Ribosomal Protein S3A

Alternative Name : Ribosomal protein S3A,v-fos transformation effector protein 1,40S ribosomal protein S3a,MFTL,FTE1,S3A.

Description

Source : E.coli. RPS3A Human Recombinant produced in E. coli is a single polypeptide chain containing 288 amino acids (1-264) and having a molecular mass of 32.5kDa.RPS3A is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. RPS3A is a member of the S3AE family of ribosomal proteins. Ribosomes, the organelles which catalyze protein synthesis, composed of a large 60S subunit and a small 40S subunit. Together these subunits consist of 4 RNA classes and around 80 structurally diverse proteins. RPS3A, a component of the 40S subunit, is a ribosomal protein that is situated in the cytoplasm. Interference of the gene encoding rat ribosomal protein S3a, in v-fos-transformed rat cells cause a degeneration of the transformed phenotype.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The RPS3A solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 50% 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 MGSHMAVGKN KRLTKGGKKG AKKKVVDPFS KKDWYDVKAP AMFNIRNIGK TLVTRTQGTK IASDGLKGRV FEVSLADLQN DEVAFRKFKL ITEDVQGKNC LTNFHGMDLT RDKMCSMVKK WQTMIEAHVD VKTTDGYLLR LFCVGFTKKR NNQIRKTSYA QHQQVRQIRK KMMEIMTREV QTNDLKEVVN KLIPDSIGKD IEKACQSIYP LHDVFVRKVK MLKKPKFELG KLMELHGEGS SSGKATGDET GAKVERADGY EPPVQESV.

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