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# RPS3A Human

*Ribosomal Protein S3A Human Recombinant*
*RCP1923*

## Product Overview

| | |
|---|---|
| Name | RPS3A Human |
| **Description** | |
| Ribosomal Protein S3A Human Recombinant | |
| Accession (Primary) | P61247 |
| **Synonyms** | |
| Ribosomal protein S3A, v-fos transformation effector protein 1, 40S ribosomal protein S3a, MFTL, FTE1, S3A. | |
| **Introduction** | |
| 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. | |
| **Source** | |
| E.coli. | |
| **Physical Appearance** | |
| Sterile Filtered colorless solution. | |
| **Formulation** | |
| The RPS3A solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 50% glycerol. | |
| **Stability** | |
| 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. | |
| **Purity** | |
| Greater than 90% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGSH MAVGKN 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.

**Precautions**

RPS3A Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P61247 )