

Recombinant Human Ribosomal Protein S3A, His-tagged

Cat. No. RPS3A-6830H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant human RPS3A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-264aa |
| Description | RPS3A belongs to the S3AE family of ribosomal proteins. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This protein is a ribosomal protein that is a component of the 40S subunit and is located in the cytoplasm. |
| Form | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT. |
| Molecular Mass | 32.5 kDa (288aa) confirmed by MALDI-TOF |
| AA Sequence | MGSSHHHHHH SSGLVPRGSH MGSHEMAVGKN KRLTKGGKKG AKKKVVDPFSS KGDWYDVKAP AMFNIRNIGK TLVTRTQGTK IASDGLKGRV FEVSLADLQN DEVAFRKFKL ITEDVQGKNC LTNFHGMDLT RDKMCSMVKK WQTMIEAHVD VKTTDGYLLR LFCVGFTKKR NNQIRKTSYA QHQVVRQIRK KMMEIMTREV QTNDLKEVVN KLIPDSIGKD IEKACQSIYP LHDVFVRKVK MLKKPKFELG |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KLMELHGEES SSGKATGDET GAKVERADGY EPPVQESV

Purity >90% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [RPS3A ribosomal protein S3A \[Homo sapiens \]](#)

Official Symbol RPS3A

Synonyms RPS3A; ribosomal protein S3A; S3A; FTE1; MFTL; 40S ribosomal protein S3a; fte-1; v-fos transformation effector protein 1; Fte 1; RS3A_HUMAN; v fos transformation effector protein; V-fos transformation effector protein

Gene ID [6189](#)

mRNA Refseq [NM_001006](#)

Protein Refseq [NP_000997](#)

MIM [180478](#)

UniProt ID [P61247](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chromosome Location | 4q31.2-q31.3 |
| Pathway | Cap-dependent Translation Initiation, organism-specific biosystem; Disease, organism-specific biosystem; Eukaryotic Translation Termination, organism-specific biosystem; GTP hydrolysis and joining of the 60S ribosomal subunit, organism-specific biosystem; Gene Expression, organism-specific biosystem |
| Function | RNA binding; protein binding; structural constituent of ribosome |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA