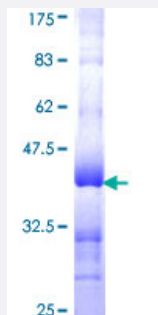


RPS3A (Human) Recombinant Protein (Q01)

Catalog # H00006189-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RPS3A partial ORF (NP_000997, 164 a.a. - 263 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IRKKMMEIMTREVQTNDLKEVVNKLIPDSIGKDIEKACQSYPLHDVFVRKVKMLKKPKFELGKLME LHGEGSSSGKATGDETGAVERADGYEPPVQES
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RPS3A

Entrez GeneID [6189](#)

GeneBank Accession# [NM_001006](#)

Protein Accession# [NP_000997](#)

Gene Name RPS3A

Gene Alias FTE1, MFTL, MGC23240

Gene Description ribosomal protein S3A

Omim ID [180478](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 gene encodes a ribosomal protein that is a component of the 40 S subunit. The protein belongs to the S3AE family of ribosomal proteins. It is located in the cytoplasm. Disruption of the gene encoding rat ribosomal protein S3a, also named v-fos transformation effector protein, in v-fos-transformed rat cells results in reversion of the transformed phenotype. Transcript variants utilizing alternative transcription start sites have been described. This gene is co-transcribed with the U73A and U73B small nucleolar RNA genes, which are located in its fourth and third introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]

Other Designations 40S ribosomal protein S3a|ribosomal protein S3a|v-fos transformation effector protein 1

Pathway

- [Ribosome](#)