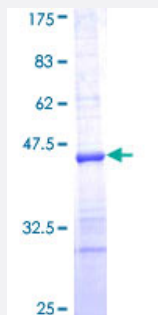


# RPS23 (Human) Recombinant Protein (Q01)

Catalog # H00006228-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human RPS23 partial ORF ( NP_001016, 44 a.a. - 143 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	ASHAKGMLEKVGVEAKQPNSAIRKCVRVQLIKNGKKITAFVPNDGCLNFIENDEVLVAGFGRKG HAVGDIPGVRFKVVKVANVSLALYKGKKERPRS
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — RPS23

Entrez GeneID [6228](#)

GeneBank Accession# [NM\\_001025](#)

Protein Accession# [NP\\_001016](#)

Gene Name RPS23

Gene Alias FLJ35016

Gene Description ribosomal protein S23

Omim ID [603683](#)

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 S12P family of ribosomal proteins. It is located in the cytoplasm. The protein shares significant amino acid similarity with S. cerevisiae ribosomal protein S28. 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 S23|homolog of yeast ribosomal protein S28

## Pathway

- [Ribosome](#)