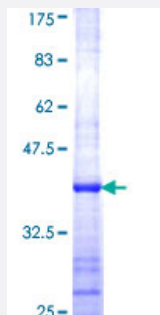


# RPL23 (Human) Recombinant Protein (Q01)

Catalog # H00009349-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human RPL23 partial ORF ( NP_000969, 41 a.a. - 140 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	SVKGIKGRLNRLPAAGVGDMVMATVKKKGPELRKKVHPAVVIRQRKSYRRKDGVFLYFEDNAGVI VNNKGEMKGSAITGPVAKECADLWPRIASNAGSIA
<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 — RPL23

**Entrez GeneID** [9349](#)

**GeneBank Accession#** [NM\\_000978](#)

**Protein Accession#** [NP\\_000969](#)

**Gene Name** RPL23

**Gene Alias** MGC111167, MGC117346, MGC72008, rpL17

**Gene Description** ribosomal protein L23

**Omim ID** [603662](#)

**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 60S subunit. The protein belongs to the L14P family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as rpL17 because the encoded protein shares amino acid identity with ribosomal protein L17 from *Saccharomyces cerevisiae*; however, its official symbol is RPL23. 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** 60S ribosomal protein L23|OTTHUMP00000164153

## Pathway

- [Ribosome](#)