

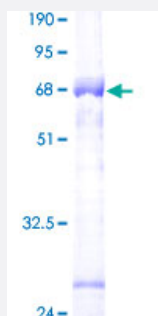
Full-Length

RPS2 (Human) Recombinant Protein (P01)

Catalog # H00006187-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RPS2 full-length ORF (AAH01795, 1 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADDAGAAGGPGGPGGPGMGNGRGGFRGGFGSGIRGRGRGRGRGRGRGRGARGGKAEDKEW
MPVTKLGRLVKDMKIKSLEEMFLSLPIKESEIDFFLGASLKDEVLKIMPVQKQTRAGQRTRFKAFV
AIGDYNHVGVLGVKCSKEVATAIRGAIIAKLSIVPVRGYYWGNKIGKPHTVPCKVTGRCGSVLVRLI
PAPRGTGMSAPVPPKLLMMAGIDDCYTSARGCTATLGNFAKATFDAISKTYSLTPDLWKETVFT
KSPYQEFTDHLVKTHTRVSVQRTQAPAVATT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.97

Interspecies Antigen Sequence

Mouse (99); Rat (99)

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 — RPS2

Entrez GeneID[6187](#)**GeneBank Accession#**[BC001795](#)**Protein Accession#**[AAH01795](#)**Gene Name**

RPS2

Gene Alias

LLREP3, MGC102851, MGC117344, MGC117345

Gene Description

ribosomal protein S2

Omim ID[603624](#)**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 S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. 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 S2|OK/KNS-cl.6

Pathway

- [Ribosome](#)