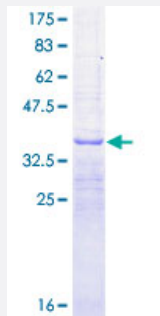


RPS2 (Human) Recombinant Protein (Q01)

Catalog # H00006187-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RPS2 partial ORF (NP_002943, 198 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	APRGTGMSAPVPPKLLMMAGIDDCYTSARGCTATLGNFAKATFDAISKTYSLTPDLWKETVFTK SPYQEFTDHLVKTHTRVSVQRTQAPAVATT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.3
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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# [NM_002952](#)

Protein Accession# [NP_002943](#)

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](#)