Full-Length

RPS23 (Human) Recombinant Protein (P01)

Catalog # H00006228-P01 Size 50 ug

Specification

Product Description	Human RPS23 full-length ORF (BAG34715.1, 1 a.a. - 143 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGKCRGLRTARKLRSHRRDQKWHDKQYKKAHLGTALKANPFGGASHAKGIVLEKVGVEAKQPN SAIRKCVRVQLIKNGKKITAFVPNDGCLNFIEENDEVLVAGFGRKGHAVGDIPGVRFKVVKVANVS LLALYKGKKERPRS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.13
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — RPS23

Entrez GeneID	6228
GeneBank Accession#	AK311772.1
Protein Accession#	BAG34715.1
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 40S 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