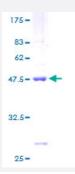


Full-Length

RPS10 (Human) Recombinant Protein (P01)

Catalog # H00006204-P01 Size 25 ug, 10 ug

Applications



Specification	
Product Description	Human RPS10 full-length ORF (AAH01032, 1 a.a 165 a.a.) recombinant protein with GST-tag at N -terminal.
Sequence	MLMPKKNRIAIYELLFKEGVMVAKKDVHMPKHPELADKNVPNLHVMKAMQSLKSRGYVKEQFAW RHFYWYLTNEGIQYLRDYLHLPPEIVPATLRRSRPETGKPRPKGLEGERPARLTRGEADRDTYRRS AVPPGADKKAEAGAGSATEFQFRGGFGRGQPPQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	43.89
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — RPS10	
Entrez GenelD	<u>6204</u>
GeneBank Accession#	BC001032
Protein Accession#	AAH01032
Gene Name	RPS10
Gene Alias	MGC88819
Gene Description	ribosomal protein S10
Omim ID	603632
Gene Ontology	<u>Hyperlink</u>
Gene Summary	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a la rge 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 S10E family of ribosomal proteins. It is located in the cytopla sm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues h as been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, there are multiple p rocessed pseudogenes of this gene dispersed through the genome. [provided by RefSeq
Other Designations	40S ribosomal protein S10 OTTHUMP00000016229

Pathway



• Ribosome