

Full-Length

RPL14 (Human) Recombinant Protein (P01)

Catalog # H00009045-P01 Siz

Size 25 ug, 10 ug

Applications



Specification	
Product Description	Human RPL14 full-length ORF (AAH71913.1, 1 a.a 220 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVFRRFVEVGRVAYVSFGPHAGKLVAIVDVIDQNRALVDGPCTQVRRQAMPFKCMQLTDFILKFP HSAHQKYVRQAWQKADINTKWAATRWAKKIEARERKAKMTDFDRFKVMKAKKMRNRIIKNEVKK LQKAALLKASPKKAPGTKGTAAAAAAAAAAAAAAAAKVPAKKITAASKKAPAQKVPAQKATGQKA APAPKAQKGQKAPAQKAPAPKASGKKA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.2
Interspecies Antigen Sequence	Mouse (85); Rat (84)
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-HCI, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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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 — RPL14	
Entrez GenelD	9045
GeneBank Accession#	<u>BC071913.1</u>
Protein Accession#	AAH71913.1
Gene Name	RPL14
Gene Alias	CAG-ISL-7, CTG-B33, L14, MGC88594, RL14, hRL14
Gene Description	ribosomal protein L14
Gene Ontology	Hyperlink
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 60 S subunit. The protein belongs to the L14E family of ribosomal proteins. It contains a basic region -leucine zipper (bZIP)-like domain. The protein is located in the cytoplasm. This gene contains a tr inucleotide (GCT) repeat tract whose length is highly polymorphic; these triplet repeats result in a stretch of alanine residues in the encoded protein. Transcript variants utilizing alternative polyA si gnals and alternative 5'-terminal exons exist but all encode the same protein. As is typical for gen es encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispers ed through the genome. [provided by RefSeq
Other Designations	60S ribosomal protein L14



• <u>Ribosome</u>