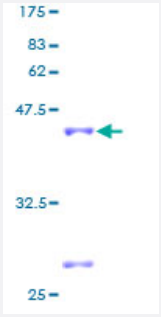
Full-Length

RPL31 (Human) Recombinant Protein (P01)

Catalog # H00006160-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RPL31 full-length ORF (AAH17343, 1 a.a. - 125 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAPAKKGGEKKKGRSAINEVVTREYTINIHKRIHGVGFKKRAPRALKEIRKFAMKEMGTPDVRIDTR LNKAVWAKGIRNVPYRIRVRLSRKRNEDEDSPNKLYTLVTYVPVTTFKNLQTVNVDEN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39.49
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 — RPL31

Entrez GeneID	6160
GeneBank Accession#	BC017343
Protein Accession#	AAH17343
Gene Name	RPL31
Gene Alias	MGC88191
Gene Description	ribosomal protein L31
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 60S subunit. The protein belongs to the L31E family of ribosomal proteins. It is located in the cytoplasm. Higher levels of expression of this gene in familial adenomatous polyps compared to matched normal tissues have been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq
Other Designations	60S ribosomal protein L31

Pathway

- Ribosome