

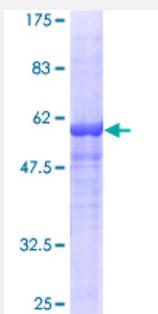
Full-Length

## RPLP0 (Human) Recombinant Protein (P03)

Catalog # H00006175-P03

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human RPLP0 full-length ORF ( AAH15173, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MPREDRATWKSNYFLKIIQLLDDYPKCFIVGADNVGSKQMQQIRMSLRGKAVVLMGKNTMMRKAI  
 RGHLENNPALEKLLPHIRGNVGFVFTKEDLTEIRDMLLANKVPAAARAGAIAPCEVTVPAQNTGLG  
 PEKTSFFQALGITTKISRGTIEILSDVQLIKTGDKVGASEATLLNMLNISPFSFGLVIQQVFDNGSYNP  
 EVLDITEETLHSRFLGVRNVASVCLQIGYPTVASVPHSIINGYKRVLALSVETDYTFPLAEKVKAFL  
 ADPSAFVAAAPVAAAATTAAPAAAAAPAKVEAKEESESEDEDMGFGLFD

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

60.61

#### 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 — RPLP0

Entrez GeneID	<a href="#">6175</a>
GeneBank Accession#	<a href="#">BC015173</a>
Protein Accession#	<a href="#">AAH15173</a>
Gene Name	RPLP0
Gene Alias	L10E, MGC111226, MGC88175, P0, PRLP0, RPP0
Gene Description	ribosomal protein, large, P0
Omim ID	<a href="#">180510</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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, which is the functional equivalent of the E. coli L10 ribosomal protein, belongs to the L10P family of ribosomal proteins. It is a neutral phosphoprotein with a C-terminal end that is nearly identical to the C-terminal ends of the acidic ribosomal phosphoproteins P1 and P2. The P0 protein can interact with P1 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]</p>
Other Designations	60S acidic ribosomal protein P0 acidic ribosomal phosphoprotein P0 ribosomal protein P0

## Pathway

- [Ribosome](#)