

# Recombinant Human RPLP0 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08107

**Protein Name:** 60S Ribosomal Protein L10E (RPLP0)

**Aliases:** P0; LP0; L10E; RPP0; uL10; PRLP0; 60S ribosomal protein L10E; ribosomal protein, large, P0; 60S acidic ribosomal protein P0; acidic ribosomal phosphoprotein P0; neutral ribosomal phosphoprotein P0; la...

**UniProt ID:** P05388

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P05388/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Full Length (1-317aa)

**Molecular Weight:** 50.3kDa

**Protein Tag:** N-terminal 6xHis-SUMO-tagged

## 2. Amino Acid Sequence (1-317aa)

MPREDRATWKSNYFLKIIQLLDDYPKCFIVGADNVGSKQMQQIRMSLRGKAVVLMG  
KNTMMRKAIRGHLENNPALEKLLPHIRGNVGFVFTKEDLTEIRDMLLANKVPAARA  
GAIAPCEVTVPAQNTGLGPEKTSFFQALGITTKISRGTIEILSDVQLIKTGDKVGASEA  
TLLNMLNISPFSFGLVIQQVFDNGSIYNPEVLDITEETLHSRFLEGVRNVASVCLQIGY  
PTVASVPHSIINGYKRVLALSVETDYTFPLAEKVKAFLADPSAFVAAAPVAAATTAAP  
AAAAAPAKVEAKEESESEDEDMGFGLFD

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

## 5. Product Description

This product is a recombinant Human RPLP0 full length protein (1-317aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. RPLP0, also known as P0 or LP0 or L10E, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.