# Recombinant Ribosomal Protein, Large, P0 (RPLP0) Instruction Manual

## SIPE373Hu01

**Homo sapiens (Human)**

| | |
|---|---|
| **Source** | Prokaryotic expression |
| **Host** | E.coli |
| **Endotoxin Level** | <1.0EU per 1μg (determined by the LAL method) |
| **Subcellular Location** | Nucleus, Cytoplasm |
| **Predicted Molecular Mass** | 38.0kDa |
| **Accurate Molecular Mass** | 38kDa(Analysis of differences refer to the manual) |
| **Residues & Tags** | Met1~Asp317 with N-terminal His Tag |
| **Buffer Formulation** | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. |
| **Traits** | Freeze-dried powder |
| **Purity** | > 97% |
| **Isoelectric Point** | 5.7 |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. |

### SEQUENCE

MPREDRATWK SNYFLKIIQL LDDYPKCFIV GADNVGSKQM QQIRMSLRGK
AVVLMGKNTM MRKAIRGHLE NNPALEKLLP HIRGNVGFVF TKEDLTEIRD
MLLANKVPAA ARAGAIAPCE VTVPAQNTGL GPEKTSFFQA LGITTKISRG
TIEILSDVQL IKTGDKVGAS EATLLNMLNI SPFSFGLVIQ QVFDNGSIYN
PEVLDITEET LHSRFLEGVR NVASVCLQIG YPTVASVPHS IINGYKRVLA
LSVETDYTFP LAEKVKAFLA DPSAFVAAAP VAAATTAAPA AAAAPAKVEA
KEESEESDED MGFGLFD

### USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**STABILITY**

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Image**

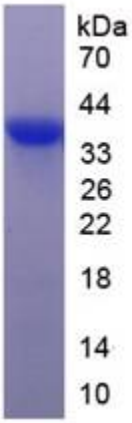

Figure. SDS-PAGE

**[IMPORTANT NOTE]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.