

## RPLP0 抗原（重组蛋白）

中文名称： RPLP0 抗原（重组蛋白）

英文名称： RPLP0 Antigen (Recombinant Protein)

别名： P0; LPO; L10E; RPP0; PRLP0

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

<b>Full name:</b>	Ribosomal protein, large, P0
<b>Synonyms:</b>	P0; LPO; L10E; RPP0; PRLP0
<b>Swissprot:</b>	P05388
<b>Gene Accession:</b>	BC000087
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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 dimer

s, 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.