

RPT0016LQ

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# Lambda Protein Phosphatase (Lambda PP)

Catalog No.: RPT0016LQ

## Sequence Information

Species	Gene ID	Swiss Prot
<I>E. coli</I>	2703476	P03772

### Tags

N-His

### Synonyms

Serine/threonine-protein phosphatase

## Product Information

### Source

<I>E. coli</I>

### Purification

≥ 95 % as determined by SDS-PAGE.

### Endotoxin

Please contact us for more information.

### Formulation

Supplied as a 0.22 µm filtered solution in 50 mM HEPES, 100 mM NaCl, 2 mM DTT, 0.01% Brij 35, 0.1 mM EGTA, 0.1 mM MnCl<sub>2</sub>, 50% Glycerol, pH 7.5.

### Reconstitution

## Background

Lambda protein phosphatase is a phosphatase originating from lambda bacteriophage, used for the dephosphorylation of proteins. Lambda protein phosphatase is a manganese dependent dual-specificity phosphatase that can dephosphorylate phosphorylated residues of serine, threonine, tyrosine, and histidine.

## Basic Information

### Description

Lambda Protein Phosphatase (Lambda PP) is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Ala221) of Escherichia phage lambda (Bacteriophage lambda) (Accession # P03772) fused with His tag at the N-terminus.

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

### Storage

Store at -20°C. This product is Store at ≤ -20°C for up to 1 year from the date of receipt.

For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Avoid repeated freeze/thaw cycles.

## Contact



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