

Native Propionibacterium shermanii ppk

Cat. No. ppk-8320P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Polyphosphate Kinase purified circa 10 fold Free of all Polyphosphate Glucokinase activity, and was purified from Propionibacterium shermanii. Native MW 83 kD (monomer)
Species	Propionibacterium shermanii
Source	Propionibacterium Shermanii
Form	The protein was lyophilized from 1.15ml PPK solution containing 43.6 U/ml of PPK activity, 0.77 mg/ml total protein, 10mM potassium phosphate pH 6.8 and 25mM sodium polyphosphate.
Applications	56.5 U/mg.
Storage	Lyophilized Polyphosphate kinase although stable at room temperature for weeks, should be stored desiccated below -18 °C Upon reconstitution PPK should be stored at 4 °C between 2-7 days and for future use below -18 °C For long term storage it is recommended to add carrier protein (0. 1% HSA or BSA). Please prevent freeze/thaw cycles.
Reconstitution	The contents of the vial can be reconstituted in 1-10 ml deionized water.

GENE INFORMATION

Gene Name	ppk polyphosphate kinase [Propionibacterium freudenreichii subsp. shermanii CIRM-
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	BIA1]
Official Symbol	ppk
Gene ID	9283018
Pathway	Oxidative phosphorylation, organism-specific biosystem; Oxidative phosphorylation, conserved biosystem; RNA degradation, organism-specific biosystem

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