

Polyphosphate Kinase (EcPPK)

Product Information

Cat#	DIA-804
Descriptions	Polyphosphate kinase (EcPPK) from Escherichia coli is a classic PPK1 family enzyme that mediates ATP-dependent synthesis of long-chain polyphosphate and the reverse reaction, and is widely applied for polyphosphate production and ATP regeneration systems.
Applications	Polyphosphate kinase (EcPPK) is applied in polyphosphate metabolism detection kit development and ATP regeneration system reagent preparation.
CAS No.	27-4-12
Enzyme Commission Number	EC 2.7.4.1
Enzyme Source	E.coli recombinant Ec PPK from Escherichia coli.
Reaction	[phosphate] (n) + ATP = [phosphate] (n+1) + ADP
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol of ADP from ATP and [phosphate] (n) at 37°C.