



Inorganic Pyrophosphatase [0.1U/uL] (Yeast)

Pyrophosphatase, Inorganic (Yeast) is prepared from an E. coli strain with Pyrophosphatase gene from yeast. It is an enzyme that can catalyze the conversion of one molecule of pyrophosphate into two molecules of phosphate ions. This product is used in nucleic acid synthesis reactions to hydrolyze inorganic pyrophosphate generated during the reaction, thereby avoiding inhibition of the reaction and shifting the reaction equilibrium towards product formation. It can be used to increase nucleic acid yield in DNA amplification or in vitro transcription reactions. This product is active at temperatures ranging from 16 to 37°C.

Catalog No.	517043
Size	10 units
Product Category	In Vitro Transcription
Storage/Stability	-20°C / 2 years
Shipping	Gel Packs