



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### Inorganic Pyrophosphatase (Yeast)

**Catalog Number:** P8871

**Regulatory Status:** For research use only (RUO)

**Product Description:** Inorganic pyrophosphate (PPi) is generated as a reaction byproduct in many biosynthetic reactions which utilize ATP, including in vitro transcription and DNA polymerization. Inorganic pyrophosphatase (PPase) catalyzes the hydrolysis of inorganic pyrophosphate to orthophosphate ( $P_2O_7^{-4} + H_2O + PPase \rightarrow 2HPO_4^{-2}$ ). PPase requires divalent metal cation ( $Mg^{2+}$ ) for its enzymatic activity.

**Host:** Yeast

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Activity:** Standard reaction: 100 mM Tris-HCl (pH 7.2), 2 mM  $MgCl_2$  and 2 mM inorganic pyrophosphate.

**Storage Buffer:** In 20 mM Tris-HCl, 100 mM KCl, pH 8.0 (0.1 mM EDTA, 1 mM DTT and 50% glycerol).

**Storage Instruction:** Store at  $-20^\circ C$ .  
Avoid repeated freezing and thawing.