

## Synonym

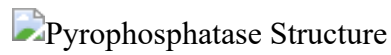
Pyrophosphatase, Ppase, Inorganic Pyrophosphatase, Pyrophosphate phosphohydrolase

## Source

Thermococcus litoralis Pyrophosphatase, Tag Free (PYE-T5143) is expressed from E.coli cells. It contains AA Met 1 - Lys 176 (Accession # [P77992](#)).

Predicted N-terminus: Met 1

## Molecular Characterization



This protein carries no "tag"

The protein has a calculated MW of 20.7 kDa.

## Endotoxin

Less than 1.0 EU per µg by the LAL method.

## Sterility

The sterility testing was performed by membrane filtration method.

## Purity

>95% as determined by SDS-PAGE.

## Formulation

Supplied as 0.2 µm filtered solution in 20 mM Tris, 100 mM NaCl, 1 mM DTT, 0.1 mM EDTA, pH 8.0 with glycerol as protectant.

Contact us for customized product form or formulation.

## Shipping

*This product is supplied and shipped as sterile liquid solution with dry ice, please inquire the shipping cost.*

## Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

## SDS-PAGE

The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

## Background

Catalyzes the hydrolysis of inorganic pyrophosphate (PPi) forming two phosphate ions.

## Clinical and Translational Updates

Please contact us via [TechSupport@acrobiosystems.com](mailto:TechSupport@acrobiosystems.com) if you have any question on this product.