

XTP/dITP diphosphatase

Cat. No. EXWM-4639

Lot. No. (See product label)

Introduction

Description

The enzymes from the bacterium *Escherichia coli* and the archaea *Methanococcus jannaschii* and *Archaeoglobus fulgidus* are highly specific for XTP and dITP. The activity is dependent on divalent cations, Mg²⁺ is preferred.

Synonyms

hypoxanthine/xanthine dNTP pyrophosphatase; rdgB (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.6.1.66

Reaction

(1) XTP + H₂O = XMP + diphosphate; (2) dITP + H₂O = dIMP + diphosphate

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.