

## 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, Mg<sup>2+</sup> 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 + H<sub>2</sub>O = XMP + diphosphate; (2) dITP + H<sub>2</sub>O = 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.