

## polo kinase

Cat. No. EXWM-3141

Lot. No. (See product label)

### Introduction

#### Description

The enzyme associates with the spindle pole during mitosis and is thought to play an important role in the dynamic function of the mitotic spindle during chromosome segregation. The human form of the enzyme, Plk1, does not phosphorylate histone H1, enolase and phosphotransferase but it can phosphorylate myelin basic protein and microtubule-associated protein MAP-2, although to a lesser extent than casein.

#### Synonyms

Cdc5; Cdc5p; Plk; PLK; Plk1; Plo1; POLO kinase; polo serine-threonine kinase; polo-like kinase; polo-like kinase 1; serine/threonine-specific Drosophila kinase polo; STK21

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.7.11.21

**CAS No.** 149433-93-2

**Reaction** ATP + a protein = ADP + a phosphoprotein

**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.