

## plus-end-directed kinesin ATPase

Cat. No. EXWM-4706

Lot. No. (See product label)

### Introduction

#### Description

Microtubular motor protein, involved in organelle movement, in mitosis and meiosis. In contrast to dynein, it moves along microtubules towards the plus end. Composed of two heavy ( $\alpha$ ) chains (110 kDa) and two or more light ( $\beta$ ) chains (65-75 kDa). Also hydrolyses GTP.

#### Synonyms

kinesin

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.6.4.4

#### Reaction

ATP + H<sub>2</sub>O = ADP + phosphate

#### 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.