

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 (α) chains (110 kDa) and two or more light (β) chains (65-75 kDa). Also hydrolyses GTP.

Synonyms kinesin

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.6.4.4

Reaction $\text{ATP} + \text{H}_2\text{O} = \text{ADP} + \text{phosphate}$

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.