

elongation factor 2 kinase

Cat. No. EXWM-3140

Lot. No. (See product label)

Introduction

Description

Requires Ca²⁺ and calmodulin for activity. The enzyme can also be phosphorylated by the catalytic subunit of EC 2.7.11.11, cAMP-dependent protein kinase. Elongation factor 2 is phosphorylated in several cell types in response to various growth factors, hormones and other stimuli that raise intracellular Ca²⁺.

Synonyms

Ca/CaM-kinase III; calmodulin-dependent protein kinase III; CaM kinase III; eEF2 kinase; eEF2K; EF2K; STK19

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.11.20

CAS No.

116283-83-1

Reaction

ATP + [elongation factor 2] = ADP + [elongation factor 2] 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.