Creative Enzymes®

inositol-1,4-bisphosphate 1-phosphatase

Cat. No. EXWM-3662

Lot. No. (See product label)

Introduction

Description	The enzyme acts on inositol 1,4-bisphosphate and inositol 1,3,4-trisphosphate (forming inositol 3,4-bisphosphate) with similar Vmax values for both substrates, but with a five-times higher affinity for the bisphosphate. Does not act on inositol 1-phosphate, inositol 1,4,5-trisphosphate or inositol 1,3,4,5-tetrakisphosphate.
Synonyms	inositol-polyphosphate 1-phosphatase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.3.57
CAS No.	111070-17-8, 111694-13-4
Reaction	1D-myo-inositol 1,4-bisphosphate + H2O = 1D-myo-inositol 4-phosphate + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.