Creative Enzymes®

2'-N-acetylparomamine deacetylase

Cat. No. EXWM-4392

Lot. No. (See product label)

Introduction

Description	Involved in the biosynthetic pathways of several clinically important aminocyclitol antibiotics, including kanamycin, butirosin, neomycin and ribostamycin. The enzyme from the bacterium Streptomyces fradiae can also accept 2'''-acetyl-6'''-hydroxyneomycin C as substrate, cf. EC 3.5.1.113, 2'''-acetyl-6'''-hydroxyneomycin C deacetylase.
Synonyms	btrD (gene name); neoL (gene name); kanN (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.1.112
Reaction	2'-N-acetylparomamine + H2O = paromamine + acetate
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 ℃.