Creative Enzymes®

HycI peptidase

Cat. No. EXWM-4289

Lot. No. (See product label)

Introduction

Description	The reaction requires nickel to be bound to the precursor of the large subunit of hydrogenase 3. The endopeptidase uses the metal in the large subunit of [NiFe]-hydrogenases as a recognition motif. In peptidase family A31.
Synonyms	HycI; HycE processing protein

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.23.51
Reaction	This enzyme specifically removes a 32-amino acid peptide from the C-terminus of the precursor of the large subunit of hydrogenase 3 in Escherichia coli by cleavage at the C-terminal side of Arg537.
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 ℃.