Creative Enzymes®

intermediate cleaving peptidase 55

Cat. No. EXWM-4023

Lot. No. (See product label)

Introduction

Description	Icp55 removes the destabilizing N-terminal amino acid residues that are left after cleavage by the mitochondrial processing peptidase, leading to the stabilisation of the substrate. The enzyme can remove single amino acids or a short peptide, as in the case of cysteine desulfurase (EC 2.8.1.7), where three amino acids are removed.
Synonyms	Icp55; mitochondrial intermediate cleaving peptidase 55 kDa

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.11.26
Reaction	The enzyme cleaves the Pro36-Pro37 bond of cysteine desulfurase (EC 2.8.1.7) removing three amino acid residues (Tyr-Ser-Pro) from the N-terminus after cleavage by mitochondrial processing peptidase.
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 ℃.