Creative Enzymes®

N-terminal E2 ubiquitin-conjugating enzyme

Cat. No. EXWM-2299

Lot. No. (See product label)

Introduction

Description	The enzyme ubiquitinylates the N-terminus of the acceptor protein. It is not reactive towards free lysine.
Synonyms	Ube2w; N-terminal ubiquitin-conjugating enzyme E2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.2.25
Reaction	S-ubiquitinyl-[E1 ubiquitin-activating enzyme]-L-cysteine + [acceptor protein]-N-terminal-amino acid = [E1 ubiquitin-activating enzyme]-L-cysteine + N-terminal-ubiquitinyl-[acceptor protein] (overall reaction); (1a) S-ubiquitinyl-[E1 ubiquitin-activating enzyme]-L-cysteine + [N-terminal E2 ubiquitin-conjugating enzyme]-L-cysteine = [E1 ubiquitin-activating enzyme]-L-cysteine + S-ubiquitinyl-[N-terminal ubiquitin-conjugating enzyme]-L-cysteine; (1b) S-ubiquitinyl-[N-terminal E2 ubiquitin-conjugating E2 enzyme]-L-cysteine + [acceptor protein]-N-terminal-amino acid = [N-terminal E2 ubiquitin-conjugating enzyme]-L-cysteine + N-ubiquitinyl-[acceptor protein]-N-terminal amino acid
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 ℃.