Creative Enzymes®

desampylase

Cat. No. EXWM-4372

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the archaeon Haloferax volcanii, specifically cleaves the ubiquitin-like small modifier proteins SAMP1 and SAMP2 from protein conjugates, hydrolysing the isopeptide bond between a lysine residue of the target protein and the C-terminal glycine of the modifier protein. The enzyme contains Zn2+. cf. EC 3.4.19.12, ubiquitinyl hydrolase 1. In peptidase family M67.
Synonyms	SAMP-protein conjugate cleaving protease; HvJAMM1

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.24.88
Reaction	an N6-[small archaeal modifier protein]-[protein]-L-lysine + H2O = a [protein]-L-lysine + a small archaeal modifier protein
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 ℃.