

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.