Creative Enzymes®

HtrA2 peptidase

Cat. No. EXWM-4103

Lot. No. (See product label)

Introduction

Description	This enzyme is upregulated in mammalian cells in response to stress induced by both heat shock and tunicamycin treatment. It can induce apoptosis in a caspase-independent manner through its peptidase activity and in a caspase-dependent manner by disrupting the interaction between caspase and the inhibitor of apoptosis (IAP). Belongs in peptidase family S1C.
Synonyms	high temperature requirement protein A2; HtrA2; Omi stress-regulated endoprotease; serine proteinase OMI; HtrA2 protease; OMI/HtrA2 protease; HtrA2/Omi; Omi/HtrA2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.21.108
Reaction	Cleavage of non-polar aliphatic amino-acids at the P1 position, with a preference for Val, Ile and Met. At the P2 and P3 positions, Arg is selected most strongly with a secondary preference for other hydrophilic residues
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 ℃.