

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