

## ADAM 17 endopeptidase

Cat. No. EXWM-4370

Lot. No. (See product label)

### Introduction

#### Description

In peptidase family M12. In vivo, the cleavage of tumour necrosis factor  $\alpha$  precursor releases the soluble, 17-kDa TNF $\alpha$ , which induces inflammation.

#### Synonyms

tumor necrosis factor  $\alpha$ -converting enzyme; TACE

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.24.86

#### CAS No.

151769-16-3

#### Reaction

Narrow endopeptidase specificity. Cleaves Pro-Leu-Ala-Gln-Ala-Val-Arg-Ser-Ser-Ser in the membrane-bound, 26-kDa form of tumour necrosis factor  $\alpha$  (TNF $\alpha$ ). Similarly cleaves other membrane-anchored, cell-surface proteins to "shed" the extracellular domains

#### 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.