

## 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.