

pappalysin-1

Cat. No. EXWM-4363

Lot. No. (See product label)

Introduction

Description

A 400-kDa disulfide-linked dimer. Circulates in human pregnancy mainly as a complex with the proform of eosinophil major basic protein, which acts as an inhibitor of the peptidase. The rate of hydrolysis of IGFBP-4 is increased about 20-fold by the presence of insulin-like growth factor (IGF), whereas that of IGFBP-5 is decreased about two-fold. In peptidase family M43.

Synonyms

insulin-like growth factor binding protein-4 protease; pregnancy-associated plasma protein-A

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.24.79

Reaction

Cleavage of the Met135↓Lys bond in insulin-like growth factor binding protein (IGFBP)-4, and the Ser143↓Lys bond in IGFBP-5

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.