

russellysin

Cat. No. EXWM-4340

Lot. No. (See product label)

Introduction

Description

This enzyme from the venom of Russell's viper (*Vipera russelli*) of 79 kDa comprises a heavy (59 kDa) and a heterogeneous light (18-21 kDa) chain. Contains Ca²⁺ and Zn²⁺. The heavy chain contains the zinc-binding endopeptidase domain and a disintegrin. In peptidase family M12 (astacin family)

Synonyms

Russell's viper venom factor X activator, RVV-X; blood-coagulation factor X activating enzyme; metalloproteinase RVV-x; *Vipera russelli* proteinase; Russell's viper blood coagulation factor X activator; RVV-V

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.24.58

CAS No.

79393-92-3

Reaction

Specifically activates several components of the blood clotting system, including coagulation factor X, coagulation factor IX and protein C by cleavage of -Arg⁺ bonds. Has no action on insulin B chain

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.