

## 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 Ca<sup>2+</sup> and Zn<sup>2+</sup>. 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<sup>+</sup> 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.