Creative Enzymes®

snake venom factor V activator

Cat. No. EXWM-4187

Lot. No. (See product label)

Introduction

Description	Known from venom of Vipera russelli. Inhibited by di-isopropyl fluorophosphate, unlike the metallopeptidase russellysin (EC 3.4.24.58) that is specific for factor X. In peptidase family S1 (trypsin family).

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.21.95
CAS No.	471269-12-2, 123757-15-3, 123757-16-4, 123757-17-5, 123757-18-6
Reaction	Fully activates human clotting factor V by a single cleavage at the Trp-Tyr-Leu-Arg1545┼Ser-Asn-Asn-Gly bond. Cattle, but not rabbit, factor V is cleaved, and no other proteins of the clotting system are attacked. Esterase activity is observed on Bz-Arg-OEt and Tos-Arg-OMe, and amidase activity on Phe-pipecolyl-Arg-NHPhNO2
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.