

SVSP

Russell's Viper Venom Factor V Activator

Catalog No.	CSI20239A CSI20239B	Quantity:	1.0 mg 10 mg
Alternate Names:	Factor V activator RVV-V alpha, RVV-V alpha, Snake venom serine protease, SVSP		
Description:	<p>Russell's Viper Venom is a serine protease that activates single chain Factor V to two chain active Va in a calcium-independent manner. It cleaves the Arg(1545)-Ser(1546) linkage in the human Factor V molecule. Induces the coagulation of mammalian plasma.. This protease is inhibited by diisopropylfluorophosphate (DFP).</p> <p>RVV-V is a highly purified, single chain glycoprotein and is homogenous by SDS-PAGE.</p>		
UniProt ID:	P18964		
Source:	<i>Daboia siamensis</i> (Eastern Russell's viper)		
Molecular Weight:	27.2 kDa		
Formulation:	50% Glycerol		
Purity:	>95% by SDS-PAGE analysis		
Concentration:	≥ 1.0 mg/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280nm} = 1.5$		
Storage & Stability:	Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		

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