Enzymax, LLC

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Product Information

Product Name: Thrombin-like Enzyme
Catalog #: SP1003
Size:

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Product: Thrombin-like Enzyme (Native)

Product Description or background: Thrombin-like enzymes, as a family of serine-protease, are widely distributed among the venom of Viperidae and Crotalidae families. In contrast with thrombin, which converts fibrinogen into fibrin by splitting off fibrinopeptides A and B, the thrombin-like enzyme only splits off fibrin peptide A. They have been extensively studied both by basic researchers and clinicians because of potential therapeutic use in myocardial infarction and thrombotic diseases

Source: purified from snake venom of *Deinagkistrodon acutus*

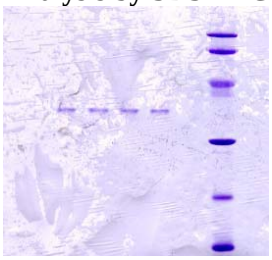
Molecular Weight: 36-38 kDa

Storage: stable for 12 months at-20°C.

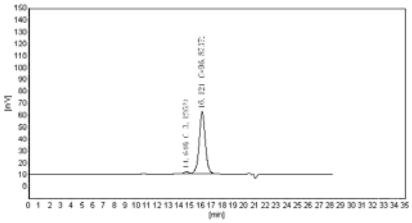
Purity: ⩾ 95% by FPLC

Presentation: Lyophilized POWDER

Analysis by SDS PAGE Gel



Analysis by HPLC



Snake Type: *Deinagkistrodon acutus*
Found in China, east of E. Longitude 104°, between N. Latitude 25°and 31°.
Biotoxicity: LD50:0.03-0.05mg/kg
Protein content (Folin's method):>90%
Humidity: <5%
Insolubility :< 0.5%