

## Batroxobin

<b>Item Number</b>	rAP-4246
<b>Synonyms</b>	Thrombin-like enzyme batroxobin, EC 3.4.21.74, BX, Bothrops atrox serine proteinase, Venombin-A, Defibrase, Reptilase, Batroxobin.
<b>Description</b>	Batroxobin, isolated from Bothrops atrox snake venom, has an Mw of approximately 43kDa.
<b>Uniprot Accesion Number</b>	P04971
<b>Amino Acid Sequence</b>	
<b>Source</b>	
<b>Physical Appearance and Stability</b>	Sterile Filtered white lyophilized powder. Batroxobin although stable at room temperature for 3 weeks, should be stored below -18°C. Upon reconstitution; Batroxobin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	The Batroxobin protein was lyophilized from a concentrated (1mg/ml) solution with no additives.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Batroxobin in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**