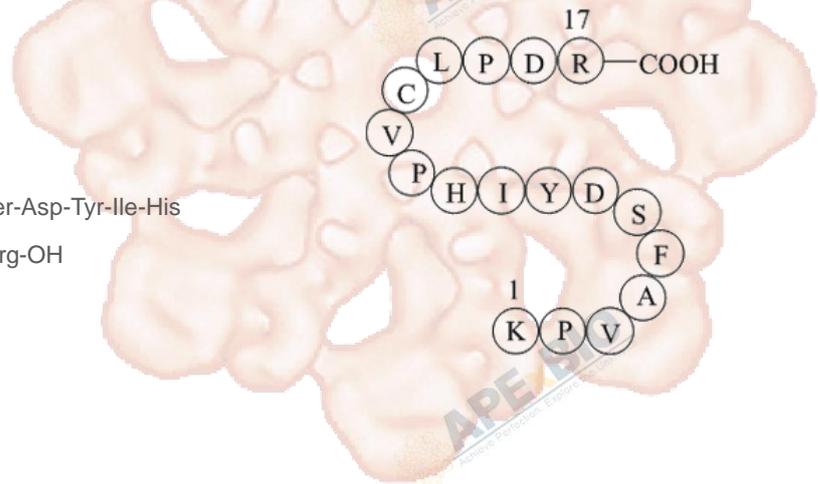


## Product Data Sheet

# coagulation factor II (thrombin) B chain fragment [Homo sapiens]

**Cat. No.:** A1057  
**CAS No.:**  
**Formula:** C90H137N23O24S  
**M.Wt:** 1957.26  
**Synonyms:** H2N-Lys-Pro-Val-Ala-Phe-Ser-Asp-Tyr-Ile-His  
 -Pro-Val-Cys-Leu-Pro-Asp-Arg-OH  
**Target:** Cardiovascular  
**Pathway:**  
**Storage:** Store at -20°C



## Solvent & Solubility

insoluble in EtOH;  $\geq 17.6$  mg/mL in H<sub>2</sub>O;  $\geq 195.7$  mg/mL in DMSO

In Vitro

| Preparing Stock Solutions | Solvent<br>Concentration | Mass      |           |           |
|---------------------------|--------------------------|-----------|-----------|-----------|
|                           |                          | 1mg       | 5mg       | 10mg      |
|                           | 1 mM                     | 0.5109 mL | 2.5546 mL | 5.1092 mL |
|                           | 5 mM                     | 0.1022 mL | 0.5109 mL | 1.0218 mL |
|                           | 10 mM                    | 0.0511 mL | 0.2555 mL | 0.5109 mL |

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

Trypsin-like serine protease

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APExBIO Technology**

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