

## Pronase E (Activity $\geq$ 4000 U/mg)

Cat. No.:	HY-114158A	
CAS No.:	9036-06-0	
Target:	Others	
Pathway:	Others	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

Pronase E (Activity  $\geq$  4000 U/mg)

### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 100 mg/mL (Need ultrasonic)
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (Infinity mM); Clear solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

Description	Pronase E (Activity $\geq$ 4000 U/mg) is a mixture of proteolytic enzymes that is obtained from Streptomyces griseus and could digest protein into individual amino acids <sup>[1]</sup> .
In Vitro	Pronase E significantly increases the amount of most of the amino acids analysed ( PE vs C ) , especially Ile, His and Thr <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- Cell Chem Biol. 2021 Oct 22;S2451-9456(21)00440-2.
- Chin Med. 2022 Sep 29;17(1):115.
- G3 (Bethesda). 2022 May 6;12(5):jkac085.

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

### REFERENCES

[1]. José M Bruna, et al. Enhancement of the flavour development of dry fermented sausages by using a protease (Pronase E) and a cell-free extract of Penicillium camemberti. Journal of the science of food and agriculture. Volume82, Issue5. April 2002. Pages 526-533.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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