



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Creatininase, Microorganism

Cat. No.:	HY-P2838
CAS No.:	9025-13-2
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Creatininase, Microorganism

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 50 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Creatininase (EC 3.5.2.10) (Creatinine amidohydrolase; CAH), namely creatinine amidohydrolase, from <i>Pseudomonas putida</i> , is a homohexameric enzyme commonly used in biochemical research. Creatininase acts on carbon-nitrogen bonds other than peptide bonds, and can catalyze the hydrolysis of creatinine to creatine, which can then be metabolized by creatinase to urea and sarcosine ^[1] .
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REFERENCES

[1]. Barbara Beuth, et al. Crystal structure of creatininase from *Pseudomonas putida*: a novel fold and a case of convergent evolution. *J Mol Biol.* 2003 Sep 5;332(1):287-301.

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

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