



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Uricase, *Arthrobacter globiformis*

Cat. No.:	HY-P2921B	
CAS No.:	9002-12-4	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Uricase, <i>Arthrobacter globiformis</i>
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### BIOLOGICAL ACTIVITY

#### Description

Uricase, *Arthrobacter globiformis* is a peroxidase enzyme. It catalyzes the oxidation of uric acid, converting it into the soluble product allantoin. Uricase, *Arthrobacter globiformis* can be used for the determination of uric acid levels in serum. A deficiency of uricase in mammals can lead to kidney diseases caused by the accumulation of uric acid. Uricase, *Arthrobacter globiformis* can be utilized in research on gout and hyperuricemia<sup>[1][2]</sup>.

### REFERENCES

[1]. Zhao Y, et al. Uricase based methods for determination of uric acid in serum[J]. *Microchimica Acta*, 2009, 164: 1-6.

[2]. Kelly SJ, et al. Diabetes insipidus in uricase-deficient mice: a model for evaluating therapy with poly(ethylene glycol)-modified uricase. *J Am Soc Nephrol*. 2001 May;12(5):1001-1009.

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

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