

## Creatinase, microorganism

Cat. No.:	HY-P2893B
CAS No.:	37340-58-2
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### Creatinase, microorganism

#### BIOLOGICAL ACTIVITY

##### Description

Creatine amidinohydrolase, microorganism is a hydrolytic enzyme that catalyzes the hydrolysis of creatine into creatinine and urea, playing a crucial role in the measurement of creatinine concentration. Creatine amidinohydrolase, microorganism can be used in the development of biosensors for measuring serum creatinine levels<sup>[1]</sup>.

#### REFERENCES

[1]. Kumar P, et al. An improved amperometric creatinine biosensor based on nanoparticles of creatininase, creatinase and sarcosine oxidase. *Anal Biochem.* 2017 Nov 15;537:41-49.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA