

## Creatinase, Actinobacteria

Cat. No.:	HY-P2893
CAS No.:	37340-58-2
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month

# Creatinase

### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 100 mg/mL (Need ultrasonic)
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### BIOLOGICAL ACTIVITY

Description	Creatinase, Actinobacteria (Creatine amidohydrolase) is a hydrolase that catalyzes the hydrolysis of creatine into sarcosine and urea, and plays an important role in the enzymatic determination of creatinine concentration <sup>[1]</sup> .
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### REFERENCES

[1]. J Schumann, et al. Stabilization of creatinase from *Pseudomonas putida* by random mutagenesis. *Protein Sci.* 1993 Oct;2(10):1612-20.

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

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