

## Nuclease, *Serratia marcescens*

Cat. No.:	HY-131160	
CAS No.:	9025-65-4	
Target:	Biochemical Assay Reagents	
Pathway:	Others	<b>Serratia marcescens nuclease</b>
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### BIOLOGICAL ACTIVITY

#### Description

*Serratia marcescens* nuclease (EC 3.1.30.2) is a nonspecific nuclease. *Serratia marcescens* nuclease has broad utility due to its potent digestive activity toward both DNA and RNA<sup>[1][2]</sup>.

### REFERENCES

[1]. "Vafina G, et al. Endonuclease from Gram-Negative Bacteria *Serratia marcescens* Is as Effective as Pulmozyme in the Hydrolysis of DNA in Sputum. *Front Pharmacol.* 2018;9:114. Published 2018 Feb 16. doi:"

[2]. "Friedhoff P, et al. A procedure for renaturation and purification of the extracellular *Serratia marcescens* nuclease from genetically engineered *Escherichia coli*. *Protein Expr Purif.* 1994;5(1):37-43. "

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

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