

Lysozyme

Cat. No.:	HY-P1068
CAS No.:	9001-63-2
Sequence:	Arg-Val-Val-Arg-Asp-Pro-Gln-Gly-Ile-Arg-Ala-Trp-Val-Ala-Trp-Arg-Asn-Arg
Sequence Shortening:	RVVRDPQGIRAWVAWRNR
Target:	Bacterial
Pathway:	Anti-infection
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Lysozyme

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 4.76 mg/mL (ultrasonic and adjust pH to 4 with 0.1 M HCL)
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BIOLOGICAL ACTIVITY

Description	Lysozyme is an antimicrobial enzyme produced by animals that forms part of the innate immune system.
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CUSTOMER VALIDATION

- Nature. 2023 Jan;613(7942):145-152.
- PLoS One. 2021 Dec 9;16(12):e0260603.
- J Mol Struct. 5 November 2021, 131868.
- J Vet Med Sci. 2021 Sep;7(5):1938-1947.

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REFERENCES

[1]. Feingold DS, et al. Locus of the action of serum and the role of lysozyme in the serum bactericidal reaction. J Bacteriol. 1968 Dec;96(6):2118-26.

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

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