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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Human milk lysozyme

Cat. No.: HY-P3021

CAS No.: 12671-19-1

Sequence: Lys-Val-Phe-Glu-Arg-Cys-Glu-Leu-Ala-Arg-Thr-Leu-Lys-Arg-Leu-Gly-Met-Asp-Gly-Tyr-Arg-Gly-Ile-Ser-Leu-Ala-Asn-Trp-Met-Cys-Leu-Ala-Lys-Trp-Glu-Ser-Gly-Tyr-Asn-Thr-Arg-Ala-Thr-Asn-Tyr-Asn-Ala-Gly-Asp-Arg-Ser-Thr-Asp-Tyr-Gly-Ile-Phe-Gln-Ile-Asn-Ser-Arg-Tyr-Trp-Cys-Asn-Asp-Gly-Lys-Thr-Pro-Gly-Ala-Val-Asn-Ala-Cys-His-Leu-Ser-Cys-Ser-Ala-Leu-Leu-Gln-Asp-Asn-Ile-Ala-Asp-Ala-Val-Ala-Cys-Ala-Lys-Arg-Val-Val-Arg-Asp-Pro-Gln-Gly-Ile-Arg-Ala-Trp-Val-Ala-Trp-Arg-Asn-Arg-Cys-Gln-Asn-Arg-Asp-Val-Arg-Gln-Tyr-Val-Gln-Gly-Cys-Gly-Val

Sequence Shortening: KVFERCELARTLKLGMGDRGSLANWMLAKWESGYNTRATNYNAGDRSTDYGFQINSRYWCNDGKTPGAVNACHLSCSALLQDNIADAVACAKRVVRDPQGIRAWVAWRNRCQNRDVRQYVQGCGR

Target: Bacterial; Biochemical Assay Reagents

Pathway: Anti-infection; Others

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

Human milk lysozyme

BIOLOGICAL ACTIVITY

Description	Human milk lysozyme is the lysozyme found in human milk. Human milk lysozyme is thought to be a key defense factor in protecting the gastrointestinal tract of newborns against bacterial infection ^[1] .
In Vitro	Human milk lysozyme (0-300 µg/mL; 2 h) shows superior activity against the skin pathogens <i>Pr. acnes</i> and <i>C. minutissimum</i> . Human milk lysozyme is devoid of activity against the Gram-negative <i>E. coli</i> , <i>Salm. typhimurium</i> , and <i>Bord. bronchiseptica</i> but exerts weak activity against <i>Kleb. pneumoniae</i> and <i>Ps. aeruginosa</i> . Human milk lysozyme shows no activity against <i>Staph. epidermidis</i> and weak activity against <i>Staph. aureus</i> and <i>Str. zooepidemicus</i> ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ibrahim HR, et al. Human lysozyme possesses novel antimicrobial peptides within its N-terminal domain that target bacterial respiration. J Agric Food Chem. 2011 Sep 28;59(18):10336-45.

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

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