

Lysostaphin Enzyme

Catalogue No.: abx073003

Lysostaphin is a recombinant enzyme produced in E.coli, consisting of a non-glycosylated polypeptide chain. This product is provided as a white powder.

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| Target: | Lysostaphin |
| Expression: | Recombinant |
| Host: | E. coli |
| Recommended dilutions: | Optimal dilutions/concentrations should be determined by the end user. |
| Form: | Lyophilized |
| Biological Activity: | Specific activity: 3,700 U/mg. The biological activity is measured by the decrease in turbidity of suspension of heat killed S. aureus at 30 °C, pH 8.0. Lysostaphin is a zinc enzyme for which EDTA acts as an inhibitory factor. |
| Purity: | 98% (RP-HPLC) |
| Purification: | Sterile filtered. |
| Reconstitution: | Reconstitute in 20 mM sodium acetate, pH 4.5. This stock solution can be further diluted if required. |
| Storage: | Store at 4 °C if the entire vial will be used within 3 weeks. Store at -20 °C for long term storage. For long term storage. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P10547 (UniProt , ExPASy) |
| KEGG: | ag:AAA26655, ag:AAB53783 |
| Molecular Weight: | 26.92 kDa |
| Buffer: | The protein was lyophilized with no additives. |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |