

Lysostaphin Recombinant Protein



RPPB1919

Product Information Protein Information

Product SKU:

RPPB1919

Accession:

P10547

Host:

Escherichia Coli.

Protein description:

Lysostaphin Recombinant produced in E.Coli is a non-glycosylated polypeptide chain having a molecular mass of 26.92 kDa.

Appearance:

Sterile Filtered lyophilized powder.

Synonyms:

Lysostaphin, EC 3.4.24.75, Glycyl-glycine endopeptidase.

Formulation:

The protein was lyophilized without any additives.

Purity:

97% as determined by RP-HPLC.

Solubility:

It is recommended to reconstitute the lyophilized Lysostaphin in 20mM sodium acetate, pH 4.5 for optimal stability, which can then be further diluted to other aqueous solutions such as 200mM Tris HCL pH-8 for optimal activity.

Stability:

Lyophilized Lysostaphin although stable at room temperature for 2 weeks, should be stored desiccated below -18°C. Upon reconstitution Lysostaphin can be stored at 4°C up to 3 weeks and for future use below -18°C. Please prevent freeze-thaw cycles.

Biological Activity:

Assessed by the decrease in turbidity of a suspension of heat-killed Staphylococcus aureus at pH-8, 30°C. Lysostaphin is a zinc enzyme therefore EDTA is an inhibitory factor.