

[Home](#)[Browse](#)[Database Search](#)[Tools](#)[Statistical Info](#)[Guide](#)[Forum](#) Search

Search EnzyBase

Navigation Bar

Quick Search

Enzy Id: (Enzybase Id,such as **EN10753092**)Uniprot Id: (Uniprot Id,such as **P10547**)Protein name: (The name of Enzybiotic protein,such as **lysostaphin**)Producer Organism: (The source of enzybiotics,such as **Streptococcus pneumoniae**)Domains: (Pls. specify the name of domain,for example:**Peptidase_M23**)Target Organism: (Only enter one target organism,for example:**S. aureus**)MIC: < (ug/ml)(Please specify the target organism first!)[Home](#)[Browse](#)[Database Search](#)[Tools](#)[Statistical Info](#)[Guide](#)[Forum](#)

Current page (1/1)

1 Enzy_Id:[EN10753092](#)

Name:LSTP_STASI

Fullname:Lysostaphin

Activity:Against *S. aureus*,CNS

Lyses staphylococcal cells by hydrolyzing the polyglycine interpeptide bridges of the peptidoglycan.

2 Enzy_Id:[EN57691756](#)

Name:LSTP_STAST

Fullname:Lysostaphin

Activity:Against *S. aureus*,*S. carnosus*

Lyses staphylococcal cells by hydrolyzing the polyglycine interpeptide bridges of the peptidoglycan.

Result of Search

Record in detail

Enzy_Id:

Name:LSTP_STASI

FullName:Lysostaphin

Producer Organism:Staphylococcus simulans

Sequence Length:493

Mass:53091

Isoelectric Point:5.27

Target:*S. aureus*,CNSLink:[P10547](#)

Function:Lyses staphylococcal cells by hydrolyzing the polyglycine interpeptide bridges of the peptidoglycan.

Antibacterial Activities1 Flora:*S. aureus* MIC:2.5ug/ml Method:agar-dilu [Pubmed:181936]2 Flora:*S. capitis* MIC:60ug/ml Method:agar-dilu [Pubmed:181936]3 Flora:*S. cohnii* MIC:8ug/ml Method:agar-dilu [Pubmed:181936]4 Flora:*S. epidermidis* MIC:16ug/ml Method:agar-dilu [Pubmed:181936]

Record of Entry