



## S. simulans (full length) (DAG-P2825)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	Active Lysostaphin full length protein
<b>Antigen Description</b>	Lysostaphin is a Staphylococcus simulans metalloendopeptidase. It is an endopeptidase specific for the cell wall peptidoglycan of staphylococci and is an extremely potent anti-staphylococcal agent. Lysostaphin lyses staphylococcal cells by hydrolysing the -Gly- -Gly-bond in the pentaglycine inter-peptide link joining staphylococcal cell wall peptidoglycans.
<b>Species</b>	S. simulans
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FuncS
<b>Reconstitution</b>	Reconstitute in 20mM sodium acetate, pH 4.5, which can then be further diluted to other aqueous solutions.
<b>Bio-activity</b>	Specific Activity is determined to be 4,243 units/mg.
<b>Format</b>	Lyophilised
<b>Buffer</b>	Preservative: None No additives
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None No additives This product is an active protein and may elicit a biological response in vivo, handle with caution.

### BACKGROUND

<b>Introduction</b>	Styloidium simulans is a dicotyledonous plant that belongs to the genus Styloidium (family
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Stylidiaceae) that was described by Sherwin Carlquist in 1979. It is an erect annual plant that grows from 7 to 11 cm tall. Orbicular leaves, about 4-10 per plant, fo

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**Keywords**

Glycyl glycine endopeptidase; Iss; S. simulans Lysostaphin; S. simulans Lysostaphin; Stylidium simulans Lysostaphin

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