



UvA-DARE (Digital Academic Repository)

Lactobacillus S-layer proteins: structure-function relationship and application potential

Smit, E.

Publication date
2002

[Link to publication](#)

Citation for published version (APA):

Smit, E. (2002). *Lactobacillus S-layer proteins: structure-function relationship and application potential*.

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

Abbreviations

GRAS	Generally Recognized As Safe
LAB	Lactic acid bacteria
ECM	Extracellular matrix
GSP	General secretory pathway
GIT	Gastro-intestinal tract
PG	Peptidoglycan
PS	Polysaccharide
CM	Cytoplasmic membrane
CWAP	Cell wall-associated polymer
LTA	Lipoteichoic acid
TA	Teichoic acid
LPS	Lipopolysaccharide
SLH domain	Surface layer homology domain
S _A -protein	wild type <i>slpA</i> gene product
S _{HA} -protein	S _A -protein with an N-terminal 6 histidine tag
SAN	S _A -protein N-terminal region
SAC	S _A -protein C-terminal region
SAC1	N-terminal SAC repeat
SAC2	C-terminal SAC repeat
GFP	Green fluorescent protein
HGFP	GFP with an N-terminal six histidine tag
CNBr	Cyanogenic bromide
LiCl	Lithium chloride
GHCl	Guanidinium hydrochloride
EM	Electron microscopy
CWF	Cell wall fragment
CWBD	Cell wall binding domain
SPR	Surface plasmon resonance
kDa	Kilo Dalton
Mr	Relative molecular mass
SUMS	S-layer ultrafiltration membranes
CBB	Coomassie brilliant blue

