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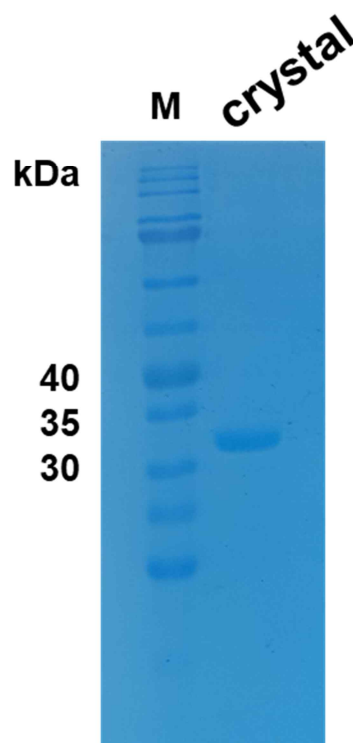
Crystal Structure of LysB4, an Endolysin from *Bacillus cereus*-Targeting Bacteriophage B4

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Figure S1. SDS-PAGE analysis of the LysB4 crystal



The dissolved crystal sample was run on a 15% SDS-polyacrylamide gel. (M: protein marker)

Plasmids		
Description		References
pET15b	Kan ^r , T7 promoter, His-tagged expression vector	Novagen, Wisconsin, USA
pET15b-LysB4	pET15b with LysB4	(Son <i>et al.</i> , 2012a)
Primers (5'→3')		
Sequences		References
BglII_pET15b_F	GAT CGA <u>GAT CTC</u> GAT CCC GCG AAA T	This study
lysB4_K15Q_F	AGG CGA ACC GTC AGT TGA ACG TTT C	This study
lysB4_K15Q_R	GAA ACG TTC AAC TGA CGG TTC GCC T	This study
lysB4_R50Q_F	GCA CAA GGT TTC CAG TCG TTT GCT GA	This study
lysB4_R50Q_R	TCA GCA AAC GAC TGG AAA CCT TGT GC	This study
lysB4_R74T_F	AAC AAA TGC AAC CGG CGG ACA AT	This study
lysB4_R74T_R	AT TGT CCG CCG GTT GCA TTT GTT	This study
lysB4_D129A_F	TTC ATT TAA AGC GTA CCC TCACT	This study
lysB4_D129A_R	AGT GAG GGT ACG CTT TAA ATG AA	This study
lysB4_BamH1_R	TTT <u>GGA TCC</u> TTA TTT GAA CGT ACC CCA GT	This study

Table S1. Plasmids and primers used in this study

*Restriction enzyme sites were underlined