

Solution NMR Structure of the NlpC/P60 Domain of *Lipid* *coli*: Structural Evidence for a Novel Cysteine Peptide

Biochemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Structural elucidation of the Cys-His-Glu-Asn proteolytic relay in the secreted CHAP domain enzyme from the human pathogen <i>Staphylococcus saprophyticus</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 74, 515-519.	1.5	30
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3	Solution structure of the N-terminal catalytic domain of human HsREV107: A novel circular permuted NlpC/P60 domain. <i>FEBS Letters</i> , 2010, 584, 4222-4226.	1.3	28
4	Structure of the β -D-glutamyl-L-diamino acid endopeptidase YkfC from <i>Bacillus cereus</i> in complex with L-Ala- β -D-Glu: insights into substrate recognition by NlpC/P60 cysteine peptidases. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1354-1364.	0.7	64
5	Peptidoglycan Remodeling in <i>Mycobacterium tuberculosis</i> : Comparison of Structures and Catalytic Activities of RipA and RipB. <i>Journal of Molecular Biology</i> , 2011, 413, 247-260.	2.0	50
6	The phylogeny of Sodalite-like symbionts as reconstructed using surface-encoding loci. <i>FEMS Microbiology Letters</i> , 2011, 317, 143-151.	0.7	31
7	Solution Structure of IseA, an Inhibitor Protein of dl-Endopeptidases from <i>Bacillus subtilis</i> , Reveals a Novel Fold with a Characteristic Inhibitory Loop. <i>Journal of Biological Chemistry</i> , 2012, 287, 44736-44748.	1.6	13
8	Synthetic Lethality of the <i>lytE</i> <i>cwI</i> Genotype in <i>Bacillus subtilis</i> Is Caused by Lack of <i>d</i> , <i>l</i> -Endopeptidase Activity at the Lateral Cell Wall. <i>Journal of Bacteriology</i> , 2012, 194, 796-803.	1.0	93
9	Structural Basis for the Acyltransferase Activity of Lecithin:Retinol Acyltransferase-like Proteins. <i>Journal of Biological Chemistry</i> , 2012, 287, 23790-23807.	1.6	64
10	Structure/Function Relationships of Adipose Phospholipase A2 Containing a Cys-His-His Catalytic Triad. <i>Journal of Biological Chemistry</i> , 2012, 287, 35260-35274.	1.6	45
11	Structural Insights into the <i>Pseudomonas aeruginosa</i> Type VI Virulence Effector Tse1 Bacteriolysis and Self-protection Mechanisms. <i>Journal of Biological Chemistry</i> , 2012, 287, 26911-26920.	1.6	43
12	Bacterial Cell Division Regulation by Ser/Thr Kinases: A Structural Perspective. <i>Current Protein and Peptide Science</i> , 2012, 13, 756-766.	0.7	52
13	Crystal structure of type VI effector Tse1 from <i>Pseudomonas aeruginosa</i> . <i>FEBS Letters</i> , 2012, 586, 3193-3199.	1.3	23
14	Mapping Inhibitor Binding Modes on an Active Cysteine Protease via Nuclear Magnetic Resonance Spectroscopy. <i>Biochemistry</i> , 2012, 51, 10087-10098.	1.2	13
15	Structure of a Peptidoglycan Amidase Effector Targeted to Gram-Negative Bacteria by the Type VI Secretion System. <i>Cell Reports</i> , 2012, 1, 656-664.	2.9	90
16	Three redundant murein endopeptidases catalyse an essential cleavage step in peptidoglycan synthesis of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2012, 86, 1036-1051.	1.2	199
17	Bacterial growth <i>does</i> require peptidoglycan hydrolases. <i>Molecular Microbiology</i> , 2012, 86, 1031-1035.	1.2	71
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20	MAP1272c Encodes an NlpC/P60 Protein, an Antigen Detected in Cattle with Johne's Disease. <i>Vaccine Journal</i> , 2012, 19, 1083-1092.	3.2	14
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25	Cloning, expression, purification, crystallization and preliminary crystallographic analysis of the putative NlpC/P60 endopeptidase, TTHA0266, from <i>Thermus thermophilus</i> HB8. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 1291-1294.	0.7	2
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33	Crystal structure of the lytic CHAPK domain of the endolysin LysK from <i>Staphylococcus aureus</i> bacteriophage K. <i>Virology Journal</i> , 2014, 11, 133.	1.4	47
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42	Development of a high yielding <i>E. coli</i> periplasmic expression system for the production of humanized Fab' fragments. <i>Biotechnology Progress</i> , 2017, 33, 212-220.	1.3	28
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50	The role of the bacterial protease Prc in the uropathogenesis of extraintestinal pathogenic <i>Escherichia coli</i> . <i>Journal of Biomedical Science</i> , 2020, 27, 14.	2.6	24
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