



# Crystal Structure of ORF210 from E. coli O157:H1 Phage CBA120 (TSP1), a Putative Tailspike Protein.

Title	Crystal Structure of ORF210 from E. coli O157:H1 Phage CBA120 (TSP1), a Putative Tailspike Protein
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Abstract	<p>Bacteriophage tailspike proteins act as primary receptors, often mediating the initial attachment of the phage to the host cell. The crystal structure of the tailspike protein (TSP1) from E. coli O157:H1 phage CBA120 is presented here. The structure reveals a dimeric protein with a central beta-sheet and a highly flexible loop region. The structure is consistent with the proposed function of TSP1 as a primary receptor for the phage.
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