

Title (en)  
CELL SURFACE DISPLAY OF PROTEINS

Title (de)  
ZELLOBERFLÄCHENPRÄSENTATION VON PROTEINEN

Title (fr)  
PRÉSENTATION DE PROTÉINES SUR LA SURFACE CELLULAIRE

Publication  
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Application  
**EP 09703905 A 20090121**

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Abstract (en)  
[origin: WO2009093118A1] A yeast cell surface display system is described comprising a scaffoldin protein from Clostridium which includes at least one cohesin domain capable of binding to a dockerin domain, the scaffoldin protein displayable on the surface of the yeast cell, such as S. cerevisiae, and an anchoring protein capable of tethering the scaffoldin protein the yeast cell surface, such as cell wall protein 1 (Cwp 1 ). Cwp 1 is fused to the C-terminus of the scaffoldin protein and a secretion signal, such as Trichoderma reesei XYN2 is fused to the N-terminus of the chimeric scaffoldin protein. The scaffoldin protein is chimeric and comprises at least one C. cellulolyticum cohesin domain and at least one C. Thermocellum cohesin domain. The invention also includes a vector for expression of such a fusion protein.

IPC 8 full level  
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• See references of WO 2009093118A1

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