

Title (en)

CLEAVAGE OF FUSION PROTEINS CONTAINING PART OF A CAULOBACTER S-LAYER PROTEIN

Title (de)

SPALTUNG VON FUSIONSPROTEINEN, WELCHE EINEN TEIL EINES CAULOBACTER S-LAYER PROTEINS BEINHALTEN

Title (fr)

CLIVAGE DE PROTEINES HYBRIDES CONTENANT UNE PARTIE D'UNE PROTEINE S-LAYER DE CAULOBACTER

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Application

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Abstract (en)

[origin: WO0004170A1] This invention provides a method for cleaving target proteins from <u>Caulobacter</u> S-layer protein under mild acid conditions. A fusion protein secreted by <u>Caulobacter</u> which includes a target protein and a <u>Caulobacter</u> S-layer secretion signal may be cleaved at an aspartate-proline dipeptide without solubilizing the fusion protein. This method may be carried out while the fusion protein is in an insoluble aggregate which facilitates recovery of the protein. This invention also provides a method of preparing a DNA construct for expression of the fusion protein and a method of preparing the fusion protein.

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