Title (en)

PRODUCTION OF SOLUBLE RECOMBINANT PROTEIN

Title (de)

HERSTELLUNG EINES LÖSLICHEN REKOMBINANTEN PROTEINS

Title (fr)

PRODUCTION DE PROTÉINE RECOMBINANTE SOLUBLE

Publication

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Application

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Abstract (en)

[origin: WO2021188379A2] The invention is directed to methods and compositions for the expression and purification of products such as peptides and proteins in microorganisms. In particular, pre-products are expressed recombinantly, wherein the cytoplasm of the microorganism alters the expressed pre-products to produce products in an active/final or otherwise desirable form. Alterations associated with expression of a desired recombinant product include shifting of the redox state of the cytoplasm to allow proper protein folding, site-directed cleavage of pre-proteins to activate the protein, site-directed cleavage of an unwanted methionine from the N terminus of the protein, and/or one or more ligations to form desired protein configurations, all within the same cell.

IPC 8 full level

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