

Title (en)

MODIFIED PROTEINS AND METHODS OF THEIR PRODUCTION

Title (de)

MODIFIZIERTE PROTEINE UND METHODEN FUER IHRE PRODUKTION

Title (fr)

PROTEINES MODIFIEES ET PROCEDES DE PRODUCTION

Publication

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Application

**EP 96922498 A 19960619**

Priority

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Abstract (en)

[origin: WO9701642A1] The present invention is directed to modified proteins and methods of their production. The modified proteins comprise a controllable intervening protein sequence (CIVPS) inserted into a target protein, the CIVPS being capable of excision from or cleavage of the modified protein under predetermined conditions in cis or in trans, i.e., increase in temperature, exposure to light, unblocking of amino acid residues by dephosphorylation, treatment with chemical reagents or deglycosylation. If desired, the modified protein can be subjected to these conditions. The CIVPS may also be inserted into a region that substantially inactivates target protein activity.

IPC 1-7

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IPC 8 full level

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Citation (search report)

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- [A] CLARKE N.D.: "A proposed mechanism for the self-splicing of proteins.", PROC. NATL. ACAD. SCI. USA, vol. 91, November 1994 (1994-11-01), pages 11084 - 11088, XP002105838
- See references of WO 9701642A1

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