

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 September 2004 (02.09.2004)

PCT

(10) International Publication Number
WO 2004/074488 A1

(51) International Patent Classification⁷: C12N 15/62, 15/70, 9/64, C07K 14/54, 14/56, C12P 21/06

(21) International Application Number:
PCT/EP2004/001759

(22) International Filing Date: 23 February 2004 (23.02.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03447034.4 21 February 2003 (21.02.2003) EP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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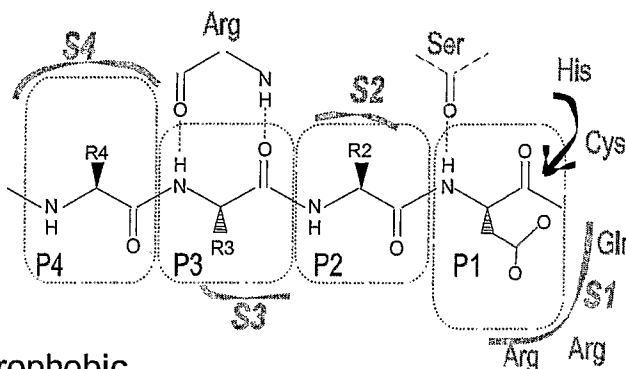
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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(54) Title: USE OF CASPASE ENZYMES FOR MATURATION OF ENGINEERED RECOMBINANT POLYPEPTIDE FUSIONS



Group I Hydrophobic
Group II Asp Glu Xaa Asp
Group III Aliphatic

(57) Abstract: The invention relates to methods of producing and isolating recombinant proteins using fusion protein constructs comprising specific recognition sites for a maturing protease. The invention specifically relates to the use of caspase proteases for the maturation of engineered recombinant fusion proteins or polypeptides. These molecules are engineered using recombinant DNA technology to comprise a specific target sequence for a caspase between a first fusion part and the polypeptide of interest. After processing, the desired mature format of the protein or polypeptide is obtained.

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