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(54) **Title**: METHOD FOR PRODUCING RECOMBINANT PROTEINS WITH A CONSTANT CONTENT OF PCO_2 IN THE MEDIUM

(57) **Abstract**: A method for the recombinant production of a polypeptide in a eukaryotic host cell modified in the citrate cycle is described, wherein the method comprises cultivating the eukaryotic host cell in a suitable medium under conditions which allow the expression of the polypeptide, wherein the content of dissolved CO_2 (pCO_2) in the medium is maintained at a constant value in the range of 10% to 20%.