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(54) Title: METHOD OF PRODUCING GLOBIN POLYPEPTIDE RECOMBINANTLY AND MEAT SUBSTITUTE FOOD PROD-
UCT

(57) Abstract: The present invention refers to a method of producing globin polypeptide recombinantly and a method of producing
globin polypeptide with a cell-free translation system. Further, the present invention provides a food product, preferably a meat substitute
food product. The present invention is also directed to a vector and a system for recombinant globin polypeptide production as well as
to a cell comprising a recombinant expression vector or one or more recombinant nucleic acid molecule(s).

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