

Title (en)
PROINSULIN WITH ENHANCED HELPER SEQUENCE

Title (de)
PROINSULIN MIT HELFERSEQUENZ

Title (fr)
PROINSULINE COMPRENANT UNE SÉQUENCE AUXILIAIRE AMÉLIORÉE

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EP 13737127 A 20130404

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Abstract (en)
[origin: WO2013149729A2] The invention provides a polypeptide comprising an insulin precursor and the N-terminal helper sequence MAKR. The helper sequence enhances the expression of the insulin precursor in a recombinant organism and increases the yields of insulin after purification and processing of the insulin precursor. The invention is thus further concerned with a method of producing insulin, in which proinsulin is expressed as recombinant polypeptide in an organism such as E. coli, isolated from the organism and then processed to yield active insulin.

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