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ABSTRACT

A vector of the present invention has DNA encoding a protein or a product having the same effect as the protein, the protein containing an amino acid sequence from amino acid numbers 47 to 802 in SEQ. ID. NO:2. Expression of the DNA gives human chondroitin synthase. By using human chondroitin synthase, it is possible to produce a saccharide chain having a repeating disaccharide unit of chondroitin. The DNA or part thereof may be used as a probe for hybridization for the human chondroitin synthase.