

ABSTRACT

The object of the present invention is to provide a sugar chain-polypeptide complex that may form a transparent and homogeneous hydrogel in a broad pH. The present invention provides a sugar chain-polypeptide complex, characterized in that said polypeptide is a polypeptide comprising an amino acid sequence consisting of 8 - 34 amino acid residues in which polar and nonpolar amino acid residues are alternately arranged, and one or more sugar chains are bound to said polypeptide.