

ABSTRACT

PRODUCTION AND USE OF MULTIMERIC HEMOGLOBINS

Multimeric hemoglobin-like proteins are obtained by crosslinking cysteines, natural or artificial, of the component tetramers, or by genetically fusing globin-like domains of one tetramer with those of another, by means of an interdomain spacer sequence. Artificial cysteines are introduced selectively in a single globin-like domain per tetramer to control polymerization.