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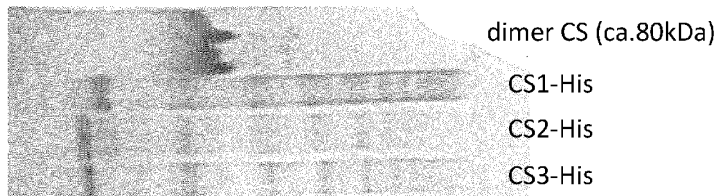
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Fig. 5



(57) Abstract: The invention relates to ancestral citrate synthase proteins which are capable of forming at least 3 different complexation states simultaneously. The invention further relates to compositions comprising the ancestral citrate synthase proteins, use of the ancestral citrate synthase proteins or compositions, nucleic acids encoding the ancestral citrate synthase proteins, and methods of purifying the ancestral citrate synthase proteins.

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