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(54) Title: RECOMBINANT PROTEINS

(57) Abstract: The invention relates to recombinant elongated β -lactoglobulin proteins, compositions comprising two or more recombinant β -lactoglobulin proteins of differing amino acid sequence, the recombinant β -lactoglobulin proteins having at least 70% sequence identity to a wild type, mature β -lactoglobulin, and wherein at least one of the β -lactoglobulin proteins is an elongated β -lactoglobulin protein, compositions comprising a plurality of recombinant β -lactoglobulin proteins heterogeneous in amino acid sequence, food products comprising the compositions, methods of making such food products, methods for producing the recombinant β -lactoglobulin proteins, and host cells and polynucleotide expression vectors for use in such methods.



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