CLAIMS:

1. A recombinant fusion protein comprising:
   a.) at least a first protein comprising an amino acid sequence having at least 80% sequence identity to the polypeptides as encoded by a nucleotide sequence selected from SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO: 3. SEQ ID NO: 4, SEQ ID NO:5 SEQ ID NO:6, and SEQ ID NO:7;
   b.) at least a second protein comprising an amino acid sequence having at least 80% sequence identity to the polypeptides as encoded by a nucleotide sequence selected from the group consisting of SEQ ID NO: 8, SEQ ID NO: 9, SEQ ID NO.:10, SEQ ID NO.:11, SEQ ID NO.:12, and SEQ ID NO.:13; and
   c.) at least a linker comprising an amino acid sequence coded by nucleotide sequence which is at least 80% similar to sequences selected from the group consisting of SEQ ID NO: 14, SEQ ID NO: 15, SEQ ID NO :16, SEQ ID NO :17, SEQ ID NO :18, SEQ ID NO:19, SEQ ID NO:20, and SEQ ID NO :21.

2. The recombinant fusion protein of claim 1, wherein the first protein is fused with the second protein using an inert peptide linker comprising amino acids coded by the nucleotide sequence which is at least 80% similar to sequences selected from the group consisting of SEQ ID NO: 14, SEQ ID NO: 15, SEQ ID NO :16, SEQ ID NO :17, SEQ ID NO :18, SEQ ID NO:19, SEQ ID NO:20, and SEQ ID NO :21.

3. The recombinant fusion protein of claim 1 wherein the orientation of first protein and second protein are interchangeable.

4. An expression vector, comprising the nucleic acid molecule encoding the recombinant fusion protein of claim 1.

5. A composition comprising:
    a) at least one recombinant fusion protein;
    b) at least one non-fusion protein; and
    c) at least one additive,

    wherein the at least one recombinant fusion protein comprises:

    at least a first protein comprising an amino acid sequence having at least 80% sequence identity to the polypeptides as encoded by a nucleotide sequence selected from SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO: 3. SEQ ID NO: 4, SEQ ID NO:5 SEQ ID NO:6, and SEQ ID NO:7;

    at least a second protein comprising an amino acid sequence having at least 80% sequence identity to the polypeptides as encoded by a nucleotide sequence selected from the group consisting of SEQ ID NO: 8, SEQ ID NO: 9, SEQ ID NO.:10, SEQ ID NO.:11, SEQ ID NO.:12, and SEQ ID NO.:13; and

    at least a linker having an amino acid sequence coded by nucleotide sequence which is at least 80% similar to sequences selected from the group consisting of SEQ ID NO: 14, SEQ ID NO: 15, SEQ ID NO :16, SEQ ID NO :17, SEQ ID NO :18, SEQ ID NO:19, SEQ ID NO:20, and SEQ ID NO :21.

6. The composition of claim 5, wherein,
    a) said at least one recombinant fusion protein being in the range of 0.1% to 8%, based on the total weight of the composition; and
    b) said at least one non-fusion protein in the range of 1% to 10%, based on the total weight of the composition.

7. The composition of claim 5, wherein the at least one non-fusion protein is selected from the group consisting of microbial, animal, plant origin or recombinantly expressed protein.

8. The composition of claim 5, wherein the at least one additive is selected from the group consisting of lipids, fats, ash, micronutrients, vitamins, water, and the like.

9. The composition of claim 5, wherein the recombinant fusion protein or the composition is used in formulating dairy and related products.