CLAIMS

1. A protein consisting of formula I:

$A - (R_1)_m - (B)_n$ (formula I)

wherein:

A is an immunogenic fragment of UspA2 from *Moraxella catarrhalis* having at least 90% identity to SEQ ID NO: 39, SEQ ID NO: 40, SEQ ID NO: 41, SEQ ID NO: 42 or SEQ ID NO: 43;

R_1 is an amino acid;

m is 0 or 2;

B is histidine; and

n is 1, 2, 3, 4, 5 or 6.

2. The protein according to claim 1 wherein $(R_1)_m$ is AS (alanine serine).

3. A protein according to any of claims 1-2 further comprising a methionine at the amino terminal.

4. The protein according to any of claims 1-3 wherein A is an immunogenic fragment of UspA2 selected from the group consisting of amino acids 30-540 of SEQ ID NO. 1 (SEQ ID NO: 39), amino acids 31-540 of SEQ ID NO: 1 (SEQ ID NO: 40), amino acids 30-519 of SEQ ID NO: 1 (SEQ ID NO: 41), amino acids 30-564 of SEQ ID NO: 1 (SEQ ID NO: 42) and amino acids 31-564 of SEQ ID NO: 1 (SEQ ID NO: 43).

5. The protein according to any of claims 1-3 wherein A is an immunogenic fragment of UspA2 of SEQ ID NO. 43 or a sequence having at least 90%, 95%, 96%, 97%, 98%, 99% sequence identity to SEQ ID NO. 43.

6. The protein according to any of claims 1-5 wherein the protein is selected from the group consisting of SEQ ID NO: 53, SEQ ID NO: 57, SEQ ID NO: 59, SEQ ID NO: 61, SEQ ID NO: 65, SEQ ID NO: 67, SEQ ID NO: 69, SEQ ID NO: 73 and SEQ ID NO: 88.

7. The protein according to any of claims 1-6 wherein the protein is SEQ ID NO: 69 (MC-009).

8. An immunogenic composition comprising a protein of formula (I) as defined in any of claims 1-7.

9. The immunogenic composition of claim 8 further comprising at least one antigen from *Haemophilus influenzae,* optionally Protein D.

10. The immunogenic composition of claim 8-9 further comprising *Haemophilus influenzae antigens* Protein E, PilA or Protein E and PilA as a fusion protein.

11. A vaccine comprising the protein of any of claims 1-7 or immunogenic composition of any of claims 8-10 and optionally further comprising an adjuvant, optionally AS01E.

12. The vaccine of claim 11 wherein the immunogenic composition contains a protein of SEQ ID NO: 69, Protein D and a PE-PilA fusion protein, optionally LVL-735.

13. A process for preparing the immunogenic composition of claims 8-10 or the vaccine of claims 11 and 12 comprising combining a protein of formula (I) with a pharmaceutically acceptable excipient.