CLAIMS

WHAT IS CLAIMED IS:

1. A polypeptide comprising the amino acid sequence of SEQ ID NO: 1000.

2. The polypeptide of claim 1, which consists of the amino acid sequence of SEQ ID NO:1000.

3. A pharmaceutical composition, comprising the polypeptide of claim 1 or 2, and one or more pharmaceutically suitable excipients.

4. Use of the polypeptide of claim 1 or 2, or the pharmaceutical composition of claim 3, in the manufacture of a medicament for treating a cancer in a subject, wherein the cancer is characterized with expression of epidermal growth factor receptor (EGFR).

5. The use of claim 4, wherein the cancer is selected from the group consisting of lung cancer, colorectal cancer, head and neck cancer, breast cancer, pancreatic cancer, brain cancer, liver cancer, kidney cancer, ovarian cancer, prostate cancer, esophageal cancer, cervical cancer, and bladder cancer.

6. A polynucleotide encoding the polypeptide of claim 1 or 2.

7. A vector comprising the polynucleotide of claim 6 and a recombinant regulatory sequence operably linked to the polynucleotide.

8. A host cell comprising the polynucleotide of claim 6 or the vector of claim 7.