NOVEL ONCOGENE, RECOMBINANT PROTEIN DERIVED THEREFROM, AND USES THEREOF

ABSTRACT

The present invention identifies the total nucleotide sequence of a novel oncogene from human, which is directly involved in such a cancerization mechanism as for cervical cancer induced by HPV infection of cervical epithelial cell and the amino acid sequence of an oncogenic protein encoded thereby, and to provide a full-length polynucleotide encoding a peptide chain of the oncogenic protein derived from the novel oncogene, which can be used for recombinant production of the oncogenic protein, and the peptide chain of the oncogenic protein produded recombinantly therewith. Specifically, the present invention provides a novel oncogene polynucleotide from human involving development of cervical cancer, comprising a nucleotide sequence encoding an amino acid sequence of SEQ. ID. No.1, particularly a polynucleotide of the nucleotide sequence of SEQ. ID. No.2.