

ABSTRACT

POLYPEPTIDE EXHIBITING FLUORESCENT PROPERTIES, AND
UTILIZATION OF SAME

5 A mode of a polypeptide according to the present
invention exhibits a fluorescence property, and has (1) an
amino acid sequence represented by SEQ ID NO. 1 or NO. 2, (2)
an amino acid sequence represented by SEQ ID NO. 1 or NO. 2
in which amino acid sequence 1 to 34 amino acids have been
10 replaced or otherwise modified, (3) a sequence identity of 85%
or more with respect to the amino acid sequence represented by
SEQ ID NO. 1 or NO. 2, or (4) an amino acid sequence encoded
by a polynucleotide that hybridizes under a stringent condition
with a polynucleotide having a sequence complementary to a
15 polynucleotide that encodes the polypeptide defined in (1).

(FIG. 2)