

MUTANT RSV F PROTEIN AND USE THEREOF

Abstract

The present invention provides a mutant RSV F protein having a mutation, wherein the mutation is a substitution of a leucine corresponding to a leucine at position 141 of an amino acid sequence of SEQ ID NO: 1 or a leucine corresponding to a leucine at position 142 with a cysteine, and a substitution of a leucine corresponding to a leucine at position 373 with a cysteine, and a disulfide bond is formed between the cysteines. Further provided is a mutant RSV F protein having a mutation, wherein the mutation is a substitution of a glutamic acid corresponding to a glutamic acid at position 60 of the amino acid sequence of SEQ ID NO: 1 with a non-acidic amino acid.

[No Suitable Figure]