ABSTRACT OF THE DISCLOSURE

The present invention provides an antisense DNA to a disease-associated gene, drugs containing the antisense DNA, an antibody to a disease-associated gene product, diagnostics containing the antibody, a method of screening a compound capable of inhibiting the activities of the disease-associated gene product, compounds obtainable by the screening method, etc.

A compound which inhibits the activities of a protein having the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1 or its salt and a neutralizing antibody capable of inhibiting the activities of the protein can be used, e.g., for the prevention/treatment of diseases such as bronchial asthma, chronic obstructive pulmonary disease, etc. The antisense DNA can inhibit the expression of a protein having the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, and can be used, e.g., for the prevention/treatment of diseases such as bronchial asthma, chronic obstructive pulmonary disease, etc.

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