Abstract

[Problem] To provide a nucleic acid expected to be useful for treating mite allergy.
[Means to be solved] Provided is a nucleic acid comprising a nucleotide sequence encoding a chimeric protein, wherein the nucleic acid comprises a nucleotide sequence encoding a signal peptide, a nucleotide sequence encoding an intra-organelle stabilizing domain of LAMP, a nucleotide sequence encoding an allergen domain comprising Der p 1, Der p 2, Der p 23, and Der p 7, a nucleotide sequence encoding a transmembrane domain and a nucleotide sequence encoding an endosomal/lysosomal targeting domain of LAMP in this order.
[Selected Figure] Nil