

SARS-CoV-2 PROTEIN-DERIVED PEPTIDE AND VACCINE CONTAINING SAME

[ABSTRACT]

5 The present invention provides epitope peptides which are derived from SARS-CoV-2
proteins and have the ability to induce cytotoxic T cells. The present invention also provides
polynucleotides encoding the peptides, antigen-presenting cells that present the peptides, and
cytotoxic T cells that target the peptides, and methods of inducing the antigen-presenting cells or
CTLs. The present invention further provides compositions and pharmaceutical compositions
containing them as active ingredients. Moreover, the present invention provides methods of
10 treating and/or preventing coronavirus infectious diseases, and/or methods of suppressing the
aggravation of coronavirus infectious diseases by using the peptides, polynucleotides, antigen-
presenting cells, cytotoxic T cells, or pharmaceutical compositions of the present invention. The
present invention also provides methods of inducing an immune response against coronavirus
infection.

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[No Suitable Figure]