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(54) Title: RECOMBINANT SUBUNIT DENGUE VIRUS VACCINE

(57) Abstract: The present invention provides dengue virus vaccines and immunogenic compositions for administration to human subjects. The vaccine compositions of the present invention comprise recombinantly produced monomeric and/or dimeric forms of truncated dengue virus envelope glycoprotein that, when formulated together with an adjuvant and a pharmaceutically acceptable carrier, induce balanced tetravalent immune responses. In preferred embodiments of the compositions described herein, the DEN4 protein component is a dimeric form of DEN4. The compositions are designed to be acceptable for use in the general population, including immunosuppressed, immunocompromised, and immunosenescent individuals. Also provided herein are methods of inducing a protective immune response in a human patient population by administering the compositions described herein to the patients.