Development of a SARS-CoV-2 vaccine candidate using plant-based manufacturing and a tobacco mosaic virus-like nanoparticle

Supplementary Materials

Supplementary figures

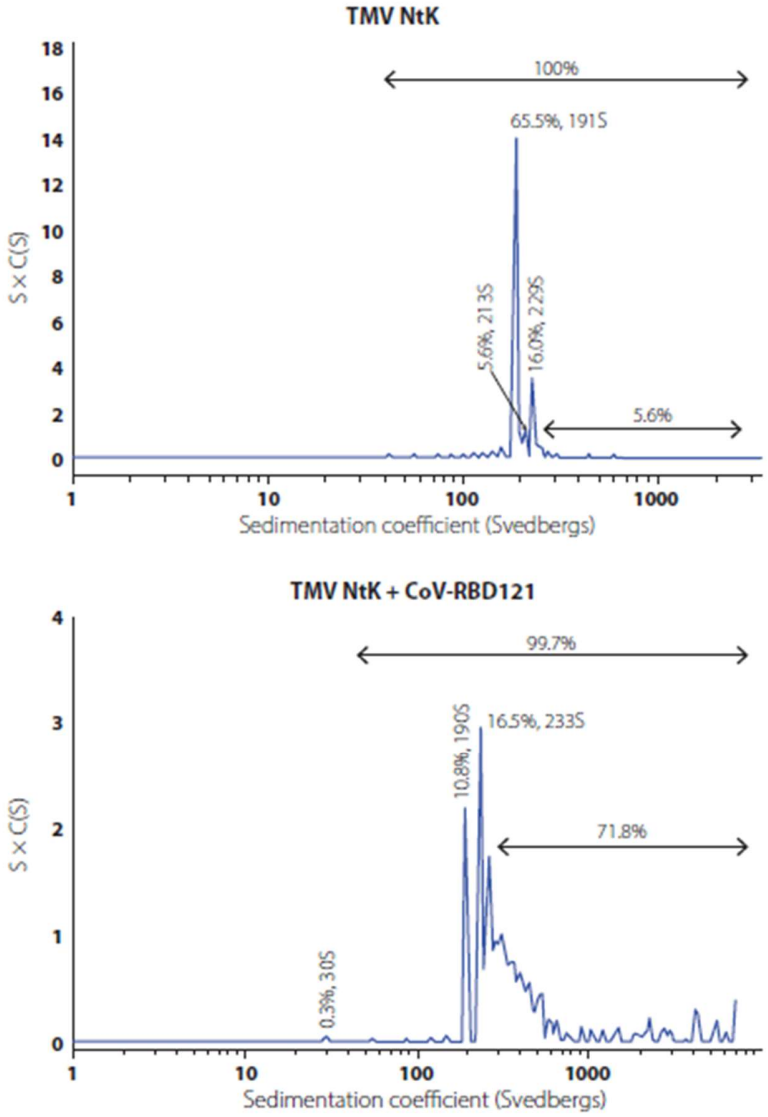

figure S1. Sedimentation coefficient distribution for TMV NtK and CoV-RBD121-NP. Data are from ultracentrifugation of a sample of TMV NtK before conjugation to the antigen and after conjugation to COV-RBD121.

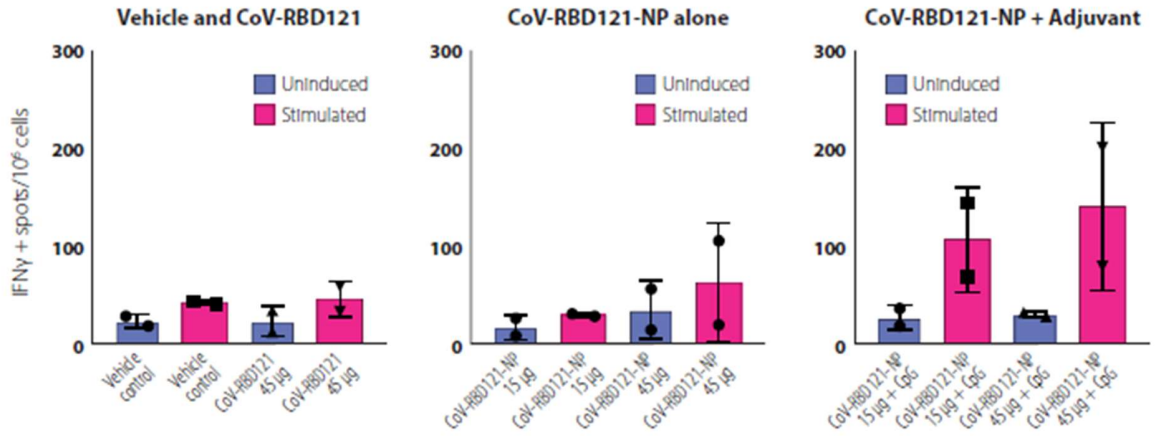

figure S2. Analysis of IFNχ-producing cells from spleens of mice receiving CoV-RBD121 or the unadjuvanted or adjuvanted formulations of CoV-RBD121-NP. Data show the results of ELISpot assay from the cells from the spleens of both mice harvested from each treatment group. Stimulated indicates that the cells were incubated with S1-HIS protein to detect a response to the RBD. Uninduced cells were not exposed to S1-His and represent the background number of IFNγ-positive cells.