SARS-CoV-2 (2019-nCoV) Spike RBD(A352S)-His Recombinant Protein

Catalog Number: 40592-V08H58

General Information

Gene Name Synonym:
coronavirus spike; cov spike; ncov RBD; ncov s1; ncov s2; ncov spike; NCP-CoV RBD; NCP-CoV s1; NCP-CoV s2; NCP-CoV Spike; novel coronavirus RBD; novel coronavirus s1; novel coronavirus s2; novel coronavirus spike; RBD; S1; S2; Spike RBD

Protein Construction:
A DNA sequence encoding the SARS-CoV-2 (2019-nCoV) Spike RBD(A352S)-His Recombinant Protein (YP_009724390.1) (Arg319-Phe541(A352S)) was expressed with a polyhistidine tag at the C-terminus.

Source: 2019-nCoV

Expression Host: HEK293 Cells

QC Testing

Purity: > 80 % as determined by SDS-PAGE.

Endotoxin:
< 1.0 EU per μg protein as determined by the LAL method.

Predicted N terminal: Arg319

Molecular Mass:
The recombinant SARS-CoV-2 (2019-nCoV) Spike RBD(A352S)-His Recombinant Protein consists of 234 amino acids and predicts a molecular mass of 26.6 kDa.

Formulation:
Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Stability & Storage:
Samples are stable for twelve months from date of receipt at -20°C to -80°C.

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:
Detailed reconstitution instructions are sent along with the products.

References