

Product Datasheet

Recombinant Human SARS-CoV-2 Spike RBD, Variant 501Y.V2, Lineage B.1.351, South Africa (HEK) 715-H21-0BU

Product Name	Recombinant Human SARS-CoV-2 Spike RBD, Variant 501Y.V2, Lineage B.1.351, South Africa (HEK)
Catalog Number	715-H21-0BU
Description	Recombinant Protein
Species/Host	HEK cells
Alternative Names	20C/501Y.V2 (South Africa) , Beta RBD Variant , GH/501Y.V2 / 20H (V2)
Brand	Diaclone
Form/Appearance	Lyophilized from PBS (Na ₂ HPO ₄ /NaH ₂ PO ₄ 50mM pH 7,2, NaCl 150mM, Trehalose)
Storage	Store at minimum -20°C. Avoid repeated freeze-thaw cycles Stable 1 month -20°C to -80°C after reconstitution under sterile conditions
Purity	>95% by SDS page
Biological Activity	Recognized by CR3022 anti RBD recombinant antibody and Covid-19 positive patients serum samples
Sequence	Arg319-Phe541, with mutation K417N; E484K; N501Y
Tag	His Tag C-Terminus