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Product Datasheet

SARS-CoV-2 (COVID-19) Spike (D614G) (Stable Trimer) Recombinant Protein BYT-ORB1231041

Article Name	SARS-CoV-2 (COVID-19) Spike (D614G) (Stable Trimer) Recombinant Protein
Biozol Catalog Number	BYT-ORB1231041
Supplier Catalog Number	orb1231041
Alternative Catalog Number	BYT-ORB1231041-50
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	SARS-CoV-2 (COVID-19) Spike (D614G) (Stable Trimer) Recombinant Protein...
Concentration	0.2 mg/ml after reconstitution.
Molecular Weight	~190kDa (SDS-PAGE)
NCBI	0
UniProt	P0DTC2
Buffer	Lyophilized. Contains PBS and 0.5% trehalose.
Purity	90% (SDS-PAGE)
Form	Lyophilized
Sequence	Full-length soluble SARS-CoV-2 Spike protein (aa 16-1213) including a foldon trimerization motif, mutated Furin recognition site (R682S, R685S) and two stabilizing mutations (K986P and V987P) is fused at the C-terminus to a His-tag.

Target	S
Application Notes	Biological Activity: Binds to the human SARS-CoV-2 receptor ACE2. Binds to anti-SARS-CoV-2 Spike antibodies in serum or plasma